# **Attachment C**

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2	UNITED STATES BANKRUPTCY COURT			
3	SOUTHERN DISTRICT OF NEW YORK ADV. PRO. NO. 08-01789 (BRL)			
4				
5	x SECURITIES INVESTOR PROTECTION CORPORATION,			
6	Plaintiff-Applicant, Rule 2004			
7	v. Examination of:			
8	BERNARD L. MADOFF INVESTMENT LEON J. GROSS SECURITIES, LLC,			
9	Defendant.			
10	In Re:			
11	BERNARD L. MADOFF,			
12	Debtor.			
13	X			
14				
15	TRANSCRIPT of testimony as taken by and before			
16	PATRICIA MULLIGAN CARRUTHERS, Certified Court			
17	Reporter, RPR, RMR, RDR, and Notary Public of the			
18	States of New York and New Jersey, at the offices of			
19	Baker & Hostetler, 45 Rockefeller Plaza, New York,			
20	New York on Friday, October 22, 2010, commencing at			
21	10:10 a.m.			
22				
23	BENDISH REPORTING, INC.			
24	Litigation Support Services 877.404.2193			
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	LEON J. GROSS 10/22	2/10 CONFIDENTIAL	SIPC v. BLMIS
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5	Examination	by Mr. Farley	4
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4 1 2 3 having been first duly sworn according 4 5 to law, testifies as follows: EXAMINATION BY MR. FARLEY: 6 7 Good morning, Mr. Gross. My name is Q. 8 Ryan Farley, and with me is Catherine Woltering, and 9 we represent Irving Picard who is the trustee in 10 this matter. I thank you for coming in today. MR. FARLEY: Before we begin, let's 11 state who's here for the record. 12 13 MS. REISBAUM: Emily Reisbaum; Clarick, Gueron & Reisbaum, counsel for Mr. Gross. 14 15 MR. BOCCUZZI: Carmine Boccuzzi with 16 David Livshiz from Cleary, Gottlieb, Steen & 17 Hamilton for Mr. Gross and Citigroup. 18 Q. This is a deposition pursuant to Rule 19 2004 of the bankruptcy code. You have received a 20 subpoena and you are here pursuant to that subpoena. 21 Do you understand that? 22 Α. Yes. 23 0. Thank you. I'm going to apologize in 24 advance, Mr. Gross, because you are by far the 25 smartest person in this room about what we're going

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5 1 to talk about today, and it's going to be 2 frustrating at times, but I ask for your patience 3 with me, and I will try to move things along as best 4 I can. 5 It's important that you answer audibly to the questions. It's important that you 6 7 allow me to finish the question and then give an 8 audible response. Any time I'm unclear, please let 9 me know, and I will try to make my question as clear as I possibly can. Perhaps we'll need your 10 assistance in that as well. 11 12 We can take a break any time you want 13 today. This is a fairly informal proceeding other than the fact that we have to be cognizant of the 14 15 fact the reporter is here trying to record our 16 conversation. 17 Is there any reason such as illness 18 or medication that you can't give your clear and 19 good testimony today? 20 Α. No. 21 MR. BOCCUZZI: One point. 22 mentioned questions. To the extent there is an 23 objection from this side, do you all agree that if one of us objects the other one doesn't have to? An 24

objection just preserves it for this side of the

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6 1 table? 2 MR. FARLEY: That's fine. Again, 3 this is a 2004 deposition which is not under the Federal Rules of Civil Procedure. Objections are 4 5 very limited in this context. You're here as counsel for the witness as a courtesy which the 6 7 trustee has given to most witnesses. That being 8 said, yes, absolutely. 9 MS. REISBAUM: Thank you. 10 MR. FARLEY: Obviously if there's issues of privilege, please do object. 11 12 Have you ever been deposed before, Q. 13 Mr. Gross? No. I haven't. 14 Α. 15 If during the day I refer to Q. 16 Citigroup as Citi, you'll understand that I'm 17 referring to the entity at which you worked. Correct? 18 19 Α. Yes. 20 Q. If it's important we'll make a 21 distinction. 22 Α. I just mention there are many Citi 23 entities. 24 Q. Absolutely. It's just natural that 25 sometimes we'll slip into "Citi."

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1	You received a subpoena. Did you	
2	make any effort to look for documents in your	
3	possession that were responsive to that subpoena?	
4	A. No.	
5	Q. Do you believe that you have any	
6	documents related to Madoff in your possession that	
7	you continue to possess?	
8	A. Let me say no, and the reason I	
9	didn't look is because all of the documents I have	
LO	from work are at work. I'm no longer working at	
11	Citi. So anything work-related would be at Citi and	
12	not in my possession.	
L 3	Q. When did you leave Citigroup?	
L 4	A. My last day in the office was in	
L 5	November of 2008, and then I officially The	
16	separation was effective in February, 2009.	
L 7	Q. And when you left Citigroup in	
L 8	November of 2008 did you take any documents with	
L 9	you?	
20	A. I guess it depends on what you mean	
21	by "documents."	
22	Q. It's a fair question. What I'm	
23	talking about is, other than personal items, did you	
24	take any work-related documents with you after you	
25	left Citigroup in November of 2008?	
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- A. Yes.
- Q. And were any of those documents to the best of your knowledge -- Recognizing this is a long time ago, do any of those documents have anything to do with Madoff, Madoff feeder funds, BLMIS?
- A. No. They were the type of things that was standard for me to work on, publications I had written and so on.
- Q. Have you reviewed the subpoena you received in this case?
  - A. Yes.
- Q. And to the best of your knowledge do you believe that you have at home any documents that would be responsive to that subpoena?
- A. I guess it's a question of the time frame.
  - Q. And what's the question?
- A. Are you asking about anything that happened when I was working at Citi?
  - Q. Anything that happened. Very generically here. We're here to discuss Madoff, the Madoff world, Citi's involvement or not involvement in that. What I'm trying to understand, Mr. Gross, do you believe that you have documents at home, not

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9 1 from your work, but at home that may or may not be 2 responsive to our requests asking for Madoff 3 documents? 4 Α. I'm not sure. 5 MR. FARLEY: We'll make a request that the efforts are made to determine if Mr. Gross 6 7 has documents that might be responsive in his 8 personal possession. 9 MS. REISBAUM: We'll consider your 10 request. If you put it in writing --11 MR. FARLEY: There's a subpoena 12 that's been issued. 13 MS. REISBAUM: We can talk about that. 14 15 Let me start. Briefly to get a sense Q. 16 of your background why don't you tell us a little 17 bit about your educational background and then we'll talk about your work experience. 18 19 Α. I went to University of Chicago undergraduate from '82 to '86. I studied math. I 20 was abroad in my junior year in Israel for a year. 21 22 I studied philosophy at the University of Chicago 23 until 1993 in graduate school. While I was there I taught math and philosophy courses as a teaching 24 25 assistant. I worked in the biophysics lab and

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10 1 published papers there and had other assorted jobs 2 on campus. 3 0. Any other postgraduate work? 4 The philosophy I mentioned and then Α. 5 the biophysics lab. I published papers but did not 6 take classes. 7 What about your work experience? Q. Can 8 you give us your background after you left the 9 University of Chicago? 10 Α. In finance I worked on the floor of 11 the mercantile exchange with a bunch of locals who 12 were trading commodities and options and futures. 13 And I was there for six months. I helped them trade and also rewrote their software. 14 15 I worked for a trading firm based at 16 the American Stock Exchange that had people trading on the floor and also people trading upstairs. 17 worked there for about six months. I was the 18 19 assistant manager, programmer, research person, and 20 then I joined Salomon in '94 through the mergers 21 until I left Citi. 22 Q. And just give me a sense 23 geographically. When did you leave Chicago and come to New York? 24 25 Α. **'**93.

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- Q. What brought you to New York?
- A. The job at the American Stock Exchange at the firm located there.
- Q. What were your different positions at Citi or one of the Citi entities?
- I was hired into the derivatives Α. research group, hired without a title at the time, and then I was working for someone there and also someone who worked on the floor doing product management, and then over time that product management role became a desk-based research role, so I was first an employee of that group, and then I was head of the US. We called it research at the time, although it's now called strategy, and became the US head and then became the global head of derivative -- equity derivative strategy, and then probably around 2006 or 2007 I also became head of something called multistrategy which includes equity derivatives but was also a coordinated effort between strategy groups involving convertibles, program trading, credit, and event-driven stock.
- Q. And what were your duties and responsibilities as head of the derivatives research group?
  - A. We were -- I primarily supported the

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salespeople who were covering institutional accounts. We had various roles. One was to provide trade ideas, publish ideas for customers. A variety of customers, various types of ideas. The second thing was consulting, so customers would ask us for different types of help analysis, and we would provide that to them. Either very simple things or very complicated things. Anywhere in between. were marketing, so we met customers one on one, and we also spoke at conferences and also did things like dinners and social occasions with customers. We did a structuring, so for some of the complicated transactions that were in our domain we would do the structuring of that. Primarily things involving volatility and variance swaps, and the last thing we did was internal consulting, which means if any other part of the firm needed our help we would treat them the same way as a customer and provide analysis. Q. Were you involved in structuring total-return swaps? Α. Yes. Q. What about structured swaps? Α. Not directly.

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And in terms of research what type of

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research or research function did your group provide to Citi? I'm trying to understand how the research group --

- A. We weren't part of the research group, which is located in a separate building. And it was because of, you know, regulations was under different rules than we were, so officially from a legal point of view we were called sales literature which means we didn't have to do all the things that research people had to do including all the settlement issues.
  - Q. The Chinese wall issue?
- A. Reg C, et cetera, so we could basically write about anything we wanted that was topical, so we didn't have to restrict ourselves to a certain class of thing we covered, for instance, and we didn't have to write about something if we didn't want to. We would try to write things that were appropriate for different types of customers, so customers are macro hedge funds. Some are arbitrage hedge funds. Some are volatility. Some are event-driven. Some are fundamental, so we try to have ideas that always refer to derivatives or something related to derivatives that would be appropriate for those different types of accounts.

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So in the course of, let's say, two weeks we would hope to have one or two ideas in each category, and some ideas would appeal to more than one type of category. Some are very broad. Some are very narrow, and the idea would be that the salespeople -- This was distributed through email and web site and through phone calls.

The salespeople would call the customer and say, Here's an idea, and either they would do the idea, which means we would get the commission for it, or the idea would lead to another conversation which would lead to something else.

It was either used as a way to start business, start a conversation, or recommend trades, so similar to the role that the analysts played with the research salespeople. We provided a similar role with our derivative salespeople.

- Q. Did you personally have a special expertise or something you particularly focused on more than other types of research or other types of projects?
- A. Compared to other firms or other people?
- Q. Compared to other people in your group.

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15 1 Α. In my group. 2 Q. Yes. 3 Α. Well, I was head of the group most of 4 the time, so most of the time I was directing other 5 people what to do. I would say I focused more on 6 the big picture. Macroenvironment, the sort of 7 what's-happening in the big picture from like bird's-eye-view derivatives as opposed to focusing 8 9 on smaller situations. That requires more 10 experience and broader perspective. 11 How many people worked for you in the Q. 12 equity derivatives group at Citi roughly? 13 Globally between 8 and 12 depending Α. on what time it was. The people in the US worked 14 15 directly for me, and the people in the five other 16 offices co-reported to me and the regional heads. 17 Who were the people in New York who Q. reported to you, Mr. Gross, if you remember their 18 19 names? 20 Α. There's 12 years. You want me to 21 tell you everybody? 22 Q. No. That's a fair point. 23 Α. I can try. 24 Q. Well, why don't you try? 25 Α. Lars Kestner, Jay Sarkar, Randall

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		16
1	Fairman, Ryan Gould, Amir Heravi, John Chiang,	
2	Carsten Schwarting, Andrew Olcheck, Wenbo Zhou, Sara	
3	Leventhal, Andrew Rosen, David Park, Roy Baladi,	
4	Joanna Keh. I may have forgotten one or two.	
5	Q. Did anyone at Citigroup Global	
6	Markets Limited report to you or have a dotted-line	
7	report to you?	
8	A. I'm not sure. With more	
9	clarification I can answer. Can you tell me what	
10	entity that was?	
11	Q. Are you familiar with the entity	
12	Citigroup Global Market Limited?	
13	A. If you tell me that's the	
14	broker/dealer or the bank or a certain subset I can	
15	tell you whether I did or not. I worked for the	
16	what's outside known as Investment Bank which was at	
17	different times known as Global Marketing Bank. It	
18	had a variety of names at different times.	
19	Q. Did anyone from London have a	
20	dotted-line reporting to you?	
21	A. Yes.	
22	MS. REISBAUM: Objection. Dotted	
23	line.	
24	Q. You mentioned that some people	
25	co-reported to you. I'm interpreting that as a	

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17 1 dotted line. Was anyone who you believed 2 co-reported to you was based in London? 3 Α. Yes. 4 Q. Who were they? 5 Α. Philip Kauer, Gerry Fowler, Pete Clarke, Lamia Outgenza, Dharmenda Patel, known as 6 7 DP, Etienne -- I'm sorry. I don't know his last 8 name. Dimolayer or something. I could be wrong 9 about that. Definitely Etienne was his first name. And there may be others as well. If you ask me 10 11 later maybe I'll remember more. 12 That's fine. You said you left Citi Q. in November of 2008. 13 That's right. 14 Α. 15 Q. What were the circumstances 16 surrounding your departure in 2008? 17 Α. I resigned. 18 Q. Did you leave voluntarily or 19 involuntarily? 20 21 22 23 24 25

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20 1 Mr. Gross? 2 I trade from home. Α. 3 Ο. What type of trading do you do? 4 I trade options and option-related Α. products derivatives, equity derivatives. 5 Can you be a little more specific 6 Q. 7 about the type of products that you trade; equity, fixed income? 8 9 Anything -- I trade through a --Α. 10 through a sink or swim, which is an on-line brokerage that's -- where I trade through, and I 11 12 trade through the equity derivative platform, but in 13 that platform there are also ETFs, and the ETFs are also linked to things that aren't equities, so it 14 15 trades like an equity, but some may be related to 16 commodities or bonds or currencies, etc., so I trade 17 the options, and I trade the stock in the options, 18 and also sometimes I'll just -- maybe just trade 19 stock by itself in very limited situations. And outside of the trading you do at 20 Q. 21 home do you currently hold any other positions? 22 Α. No. Was your group, the equity 23 Q. 24 derivatives research group, a profit center at Citi? 25 Α. We were technically called the

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strategy group after the settlement. I would say not directly. We were closely associated with the sales group, and the sales group was the profit center, and our value to the firm, or most of our value to the firm, came from the fact that we made them more productive, so the sales — Basically I would say an arm of the sales group, and there are times when we actually would, you know, do the bulk part of actually executing — I'm sorry. — of taking an order because it was a complicated order because the salesperson would struggle with this. There were times when actually we were doing a sales role, but I would say an auxiliary part of the sales group.

We also helped the traders as well, so we had value there, that we helped them, but they were the profit center, so I don't think we were treated like a cost center -- and also has a negative connotation. That's who you fire first. Right? And that's who you put in a separate room. I would say we weren't treated -- we were treated as a profit center because I think the management saw us as very valuable, but in terms of what actually happened, we helped other people make money as opposed to do it directly ourselves. Is that clear?

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Q. And your understanding was that Citi was going to eliminate the derivatives group as a group with a reporting structure to management?

A. I actually believe that's actually happened, so there used to be a US head of derivatives, et cetera, and the people, the employees, were still there. They just didn't report to a derivative head. They reported to a sales head, trading, so the management structure, the management structure was taken away, but what you call the line employees were still there. They just had different reporting lines.

- Q. You mentioned you had some concerns that the firm would survive. Can you elaborate more on that?
- A. There was a government bailout, so if you look from the outside I believe there were bailouts of many companies on Wall Street. They could have not made it. Lehman wasn't bailed out and didn't survive, so there was a real concern whether the company or the system would survive.
- Q. In your group, strategy group, was anyone tasked with monitoring Bernard L. Madoff

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Securities Investment, LLC?

- A. No.
- Q. During the time that you were at Citi did anyone in your group ever prepare a report or some other analysis of BLMIS?
- A. No one at Citi ever asked anyone in my group to look at it. I was asked by a customer.
  - Q. And who was that customer?
- A. The customer was Harry Markopolos from Rampart, so the answer was no one at Citi ever said, I want you to take a look at this, What do you think of this, et cetera. I said before that one of my responsibilities was responding to customer requests for analysis.
- Q. And you mentioned Mr. Markopolos, someone we'll talk about today. When did you first meet Mr. Markopolos?
- A. I don't know exactly when I met him. The sales people were responsible for setting up the meetings, and I would just go. I'm very good with concepts, remembering what we spoke about, but not names, dates, places; you know, this guy used to be here, the parent company is this. It's not how I look at the world, so I don't know exactly when I first met him. I would say I knew him for a number

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26 1 of years, so I'm not sure exactly. It may be 2 starting sometime in the late nineties. 3 Sometimes I try to think was it 0. pre9-11, post9-11. 4 5 You mean when I first met him? Α. 6 0. Yes. 7 I would say in the late nineties. Α. 8 MS. REISBAUM: Can we take a quick 9 break? 10 MR. FARLEY: Sure. 11 (Recess taken.) 12 We were talking about Mr. Markopolos. Q. You mentioned he was a customer. What was the name 13 of his firm that he was associated with? 14 15 We referred it to Rampart. I don't 16 know the full name of the firm. 17 Q. What did you understand that Rampart to be? 18 19 Α. They're based in Boston. They manage 20 funds, and the part I knew was the quantitative part 21 of the fund that used options. And what were the circumstances that 22 Ο. 23 you first met Mr. Markopolos? I would frequently go to different 24 Α. 25 cities in the country and meet customers on trips

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27 1 that were scheduled by the salespeople, so it was 2 either in his office on one of those trips or in my 3 office when he came to see the salesperson, and then 4 the salesperson would be the person who set up those 5 meetings. 6 Q. Do you recall what salesperson at 7 Citi introduced you to Mr. Markopolos? 8 I know Holly Robinson covered Harry. 9 I don't know -- I know -- Tony Miles may have covered Harry before him, but I'm not sure. 10 What do you mean by "cover" Mr. 11 Q. 12 Markopolos? 13 The salesperson responsible for managing the relationship between Citi and that 14 15 customer. Every salesperson has a list of customers 16 they cover, and every customer in the firm is 17 covered by one salesperson primarily. Another person may be a backup, so there's a designation 18 19 inside the firm who's responsible for a certain 20 account. 21 Q. What did you understand 22 Mr. Markopolos to be doing at Rampart? 23 Α. He was doing some strategies 24 involving options, and the reason I knew is we 25 basically discussed some data. We were helping

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1	provide data for him to do certain analysis.	
2	Q. What type of data did you provide?	
3	A. The data we provided to customers	
4	primarily had to do with option pricing, option	
5	volatilities, et cetera.	
6	Q. What types of options?	
7	A. Equity options, both listed listed	
8	options, both on indices and individual names.	
9	Q. Did you provide him with any data on	
LO	the S&P 100 Index options?	
L1	A. I don't know. Probably not.	
L 2	Q. And did you form any impressions of	
L 3	Mr. Markopolos when you first met him?	
L 4	MS. REISBAUM: When you first met?	
15	MR. FARLEY: Yes.	
16	A. No.	
L 7	Q. How would you describe the nature of	
L 8	your relationship with Mr. Markopolos over time?	
L 9	A. I would say no different than any	
20	other customer I spoke to.	
21	Q. And approximately	
22	A. Does that answer your question?	
23	Q. We'll talk about it. Your answer is	
24	your answer. Approximately how many times did you	
25	meet Mr. Markopolos over the span of your tenure at	

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29 1 Citigroup? 2 Five or six. Α. 3 Ο. And did you have regular or frequent communications with Mr. Markopolos? 4 5 I would -- I wouldn't -- didn't Α. No. have his phone number. It's not as if I had a -- a 6 7 -- a schedule of calling him, so if he had called to 8 speak to me, he would probably go through the 9 salesperson. So if -- you know, if he called, I would pick up the phone, but I would say, you know, 10 through business -- me traveling to Boston and him 11 12 coming, I may have seen him, as I said, maybe once 13 every year or two. And did you communicate with him by 14 Q. email? 15 16 MS. REISBAUM: You mean ever or 17 regularly? 18 Q. Ever. I don't know if I sent him an email. 19 Α. I assume if he was asking for data, I assume 20 21 somebody from my group would have sent him an email 22 with data in it. 23 Ο. But he was not somebody you were 24 regularly exchanging emails with, from what I 25 understand you are saying.

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30 1 Α. No. Did there come a time when 2 0. 3 Mr. Markopolos and you discussed Bernard Madoff or 4 BLMIS? 5 By that, you mean the broker/dealer. Α. Yes. 6 0. 7 Α. Yes. And what were the circumstances 8 0. 9 pursuant to which you had this conversation about Madoff? 10 He was in the office. He had come, 11 Α. 12 you know, through the salesperson, and he was asking 13 questions about -- about Madoff. You said he came through the 14 Ο. 15 salesperson. Do you recall who that salesperson 16 was? 17 That's Holly. Α. And did he have a meeting scheduled 18 Q. 19 with you that he came to New York for? 20 I don't know. He wasn't in a 21 conference room. So it wasn't as if we, you know, 22 we had a -- a -- an agenda or a conference room, so 23 I guess I knew he was coming, but I'm not sure it was on the calendar. 24 25 Q. And who participated in this meeting

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with	Mr	Markopolos	and	vourself?
$W \perp CII$	LITT .	Markoporos	anu	AOUT SETT:

- A. Like I said, it wasn't a formal meeting, because it was on the trading floor. It was more like a conversation, not like this setting here. So I would say it was just Harry and myself, although it was on a trading floor.
- Q. But there were no other people who were formally involved in your discussion.

MS. REISBAUM: Objection.

- Q. Was it basically a conversation between you and Mr. Markopolos?
- 12 A. Yes, it was, but not in a private place.
  - Q. And did you -- and what did he say and what did you say to him?
    - A. I don't remember the exact words.
    - Q. What do you recall?
  - A. I looked at a web site, which I assume he directed me to, that was probably the broker/dealer web site that had a strategy description of something involving options, so I remember looking at that. And also I remember him showing me or directing me to information about the returns of such a strategy, so the -- The discussion was, how is it possible to get these returns with

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32 1 this type of strategy. That was the one part of the 2 discussion. 3 The other part of the discussion was 4 whether people at Citi were familiar with Madoff 5 trading in the markets that we're aware of. were the two parts of the conversation. 6 7 And with respect to the first part of Q. 8 the conversation dealing with returns generated by 9 the strategy, what, if anything, did you say to 10 Mr. Markopolos about that subject? I don't remember the exact words. 11 Α. 12 What do you recall in general? Q. 13 I'm sorry. Are you asking what I -what I said to him or -- or -- or what I thought --14 15 I'm not sure exactly what you're asking. 16 I'm just trying to get your best 0. recollection of that conversation. That's all. 17 Just the conversation. 18 Α. 19 Q. The conversation that you and 20 Mr. Markopolos had. We can then talk about other 21 impressions you have, but I'm just trying to 22 understand --23 Α. I remember clearing my thoughts at 24 the time. I'm not sure exactly what I said. I can 25 tell you what I was thinking at the time.

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Q. That's fine.

A. I thought -- well, I first tried to find out how that -- how it's possible to reconcile what I saw, a discrepancy between the strategy and the returns, and I tried different possibilities, maybe it's this, maybe it's that.

Q. What was the discrepancy that you thought existed?

A. The -- The strategy is -- involves a -- what -- it says split strike conversion or reversal. I would call it a collar strategy to be simpler, of owning stocks and owning a collar. So if the collar is a wide collar, then it would have a return series that looked very similar to the S&P. And if it was a narrow collar, it would have a return series that would look very similar to owning short dated bonds or T bills. Okay?

And depending on how wide or narrow it is, it would vary between being one of those or the other, or a hybrid of those. And the thing is it didn't look like any of those. It didn't look like owning Treasuries, it didn't look like owning S&P, it didn't look like any mixture of those things. So that was the discrepancy.

The one possibility I thought was

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that the person was buying stocks and shorting the index, then the stocks must be outperforming the index on a regular basis, but there was no -- if that's what the person was doing, then there's really no need to use the options. One could use futures and there was no discussion of how that stock selection actually happened.

So I also thought that maybe the person was using index options and individual options for the different strikes because there's a strategy that involves buying individual options and selling index options. I thought the person was doing that sort of strategy, but that wasn't it either. So basically, I tried, you know, 4 or 5 different possibilities of saying it could be this, it could be this, it could be this, it could be this. And I came to the conclusion that none of those really made any sense.

- Q. And how did you go about trying to resolve these discrepancies? And I'm asking what did you do? Was it something you went back and did some mathematical equations? Did you just think about it? I'm just trying to understand that process.
  - A. I mean, it's something I could

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1	certainly do without without pencil and paper and	
2	without a spreadsheet. It's more a conceptual issue	
3	than a question of details.	
4	Q. And are you able to do this analysis	
5	because of your background in derivatives and	
6	options trading?	
7	MS. REISBAUM: Objection.	
8	Q. What is it that enabled you to be	
9	able to look at the strategy and view a discrepancy	
10	and attempt to resolve that?	
11	MS. REISBAUM: Objection.	
12	Q. You can answer.	
13	A. My understanding of the return	
14	profiles of different types of strategies involving	
15	equities and options.	
16	Q. And did you communicate your thoughts	
17	about the returns generated by the strategy to	
18	Mr. Markopolos?	
19	A. The my conclusion is that the	
20	returns weren't generated by the strategy, they were	
21	either generated by something else that something	
22	was amiss there.	
23	Q. Did you tell Mr. Markopolos that?	
24	A. Probably, yes.	
25	Q. Do you recall telling him that day or	

25

Q.

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36 sometime thereafter? 1 2 If I told him, it was that day. 3 0. Again, I'm not trying to be precise 4 here, but approximately how long was this 5 conversation that you had with Mr. Markopolos regarding Madoff? 6 7 MS. REISBAUM: Objection. 8 Q. That particular day, we're talking 9 about the time that he --10 I would say from the time that he showed it to me, right, that probably was a -- maybe 11 12 a five-minute conversation discussing it. And then 13 I probably spent between 15 minutes to a half hour, 14 looking at the strategy, et cetera, trying to figure 15 it out and then probably a few minutes afterwards, 16 you know -- he also, as I said before, he asked 17 about the activity in the market, so the asking 18 about that and that probably took maybe a half-hour 19 and probably the -- the conclusion, I guess, if you 20 want to call it that, would probably be a few 21 minutes. 22 Q. Did he bring any paperwork with him 23 and give to you --24 Α. I don't know.

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-- at this initial meeting?

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37 I don't remember. 1 Α. 2 You mentioned you looked at a web Q. 3 site. 4 Α. Yes. 5 Did he give you any monthly account Q. 6 statements or brokerage account statements to 7 review? 8 MS. REISBAUM: Objection. 9 Q. You can answer. 10 Α. No. 11 Q. Just trying to find out what was 12 exchanged and what wasn't. We'll talk more about 13 the split strike conversion strategy during the day, but let's talk about your second portion of your 14 15 conversation with Mr. Markopolos, which I understand 16 you to say involved whether there was Madoff 17 activity in the market, so to speak. Is that correct? 18 19 MS. REISBAUM: Objection. 20 0. I'm just trying to understand what 21 you said. 22 Whether -- whether -- whether people 23 were familiar with him trading in the market. 24 Q. And what did you say to him in that 25 regard?

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A. When he asked the question, or when I got the answer?

O. Both.

A. I don't remember exactly. I remember not knowing the answer and asking other people. And then as I usually do, you know, someone asks me a question, I find out the answer and report the answer to the person who asked the question.

Q. And who did you consult on the question of Madoff market activity?

MS. REISBAUM: Objection.

Q. You can answer.

A. I would say it wasn't really a consultation. It was the type of thing where if I wanted an answer from a certain group, I would say, hey, index traders, you know, what's the price of this. And someone would shout back, as opposed to a meeting. It was more that type of informal conversation.

So I remember going over to the people on the index desk and asking, has anyone heard or seen this. And the answer was no. And I remember asking salespeople, has anyone heard or seen this, and the answer was no, but it -- I guess you can call it a conversation, but it's something

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that lasted a minute.

- Q. Just so the record is clear, I have to ask you, what do you mean by the index desk?
- A. Oh, we had different trading desks at Citigroup that traded different products. There was one that traded exotic options and structured products, one that traded index options, one that traded individual options, one that traded swaps. So depending on which product you trade, you go to a different group of traders.
- Q. When you went to the index desk, what did you did ask them?
- A. Something -- I don't know the words exactly.
- Q. I'm asking -- you said, has anyone seen this and they said no. I'm trying to understand what the this and the no is?
- A. Has anyone, you know, seen someone named Madoff trade in the index options, has anyone heard about someone, you know, named Madoff trading in the index options.
  - Q. And what was the response to it?
- A. The answer was no, they hadn't. When I ask a question like that, the answer could be -- the type of answers that may refer to another type

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1	of activity, not this one, may be, yes, we trade	
2	with him, no, we don't, or no, we don't trade with	
3	this person, but we're aware of the activity because	
4	of XYZ. So are the type of answers I would expect.	
5	Q. And their response was	
6	A. No, we don't trade with him, no, we	
7	haven't seen any we haven't heard or seen	
8	anything about this.	
9	Q. Just to be clear, you were	
LO	essentially asking him, are you aware of any S&P 100	
L1	Index options trading.	
12	A. No.	
L3	Q. What were you asking him? I'm sorry.	
L 4	Again, I asked you to be patient with me at the	
L 5	beginning.	
16	A. The question is, do you know of a	
L 7	of a counterparty named Bernie Madoff or Madoff	
L 8	trading this product.	
L 9	Q. What's the product?	
20	A. OEX options or any other index	
21	product.	
22	Q. Was your question limited to exchange	
23	traded or both over the counter and exchange traded?	
24	A. It was a general question.	
25	Q. Other than consulting Citi's index	

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1	desk, was there any other department or person that	
2	you questioned	
3	A. The salespeople.	
4	MS. REISBAUM: Objection.	
5	Q. And who did you further question	
6	about Madoff market activity?	
7	A. I would say I don't know, because I	
8	asked it more to a group of people in a certain area	
9	as opposed to anyone specific.	
LO	Q. And to what group did you ask that	
L 1	question?	
12	A. Salespeople. Equity derivative	
L3	salespeople.	
L 4	Q. Do you recall any of the people who	
L 5	were in that group	
16	A. I can tell you the salespeople who	
L 7	worked at Citigroup over the past ten years. I	
L 8	would have to sit down with each one and find out	
L 9	when they came and when they left in order the find	
20	out the answer is I don't recall at the time.	
21	Q. I'm just trying to get a sense is	
22	there anyone sticking out in your mind that said or	
23	communicated back to you in response to that	
24	question, the answer	
25	A. The answer is no, because it was	

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common that if I needed information, it was
important that someone on the desk the same thing
happened when someone asked research for a question.
They would say, hey, research, you know, what's
this, and we'd answer. And that was sufficient,
they didn't really care whether the answer came from
me or somebody else. I mean, that's the way things
work on a trading floor, you think in terms of
groups of people.
Q. So to the best of your recollection,

- Q. So to the best of your recollection, give us the general sense of what did you ask of the salespeople in regard to Madoff trading activity?
- A. Do you know him -- do you know -- do you know this person as a customer, someone who's active in the market.
  - Q. And what was their response?
  - A. The answer was no.
- Q. Other than the index desk and the salespeople, do you recall having any other communications or questions to any people in your quest to find the answer back for Mr. Markopolos?
- A. No. Those were the -- those were the people within shouting distance of me. I didn't speak to anyone else. I didn't leave my general area.

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1	Q. Did you communicate back to	
2	Mr. Markopolos what you learned with respect to your	
3	inquiries about the Madoff market activity?	
4	A. Yes.	
5	Q. And what did you do in that regard?	
6	MS. REISBAUM: Objection.	
7	Q. Did you pick up the phone and call	
8	him, email him	
9	A. No. He was at the time this whole	
LO	thing happened I said he was there, he asked some	
11	questions. I did some, what I thought was work on	
L 2	behalf of the request, and then I answered the	
L 3	customer.	
L 4	Q. Was Ms. Robinson present for any of	
L 5	this discussion?	
16	MS. REISBAUM: Objection.	
L 7	Q. I'm just speaking again about	
L 8	Mr. Markopolos being in New York that particular	
L 9	A. She would have let him in the	
20	building and seen him in and seen him out. So yes,	
21	she was present in terms of, you know, here's Harry,	
22	here he is.	
23	In terms of content, no. There's	
24	some times when we're sitting in a conference with a	
25	salesperson and the salesperson is making notes and	

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as part of meeting, we have follow up, et cetera, and that's a more formal type of meeting. The other thing was customers may speak to different people on the floor and have different conversations with nobody, you know, supervising or quarterbacking the meeting, you know, the more informal type of thing.

- Q. Prior to Mr. Markopolos coming to New York that day, did you know that you would be discussing Madoff with him?
- A. No. I'm not even sure I knew he was coming.
- Q. Before you had this conversation with Mr. Markopolos that day, had you ever heard of Bernard Madoff or his investment --
- A. I heard the name, but hadn't really associated -- There's a difference of hearing the name, right, and then knowing something about it and knowing -- I would say it was a name I may have heard or seen without being able to attribute any meaning to it.
- Q. It had no particular significance to you.
- A. No.
- Q. I accept the fact that you say you're not great with dates, but can you try to give us a

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1	sense of when this meeting took place?	
2	A. It was before I left.	
3	Q. That much is clear.	
4	A. It was after we moved from 7 World	
5	Trade Center, so it was after the merger with	
6	Travelers. After '98.	
7	Q. There's no riddle here.	
8	Mr. Markopolos has publicly said he met with you in	
9	2005. Do you have any reason to believe that that	
LO	would be incorrect?	
11	A. I mean, I don't have my own calendar	
12	and I don't have the ability to look at a calendar.	
L 3	If I had that, I could say whether that agreed with	
L 4	my notes or not. But the answer is I don't have my	
L 5	own no. I don't know whether that's correct or	
16	not correct.	
L 7	Q. You mentioned notes. Do you recall	
L 8	making any notes of your meeting with Mr. Markopolos	
L 9	about Madoff?	
20	MS. REISBAUM: Objection.	
21	Q. You can answer.	
22	A. I wasn't in the habit of keeping a	
23	notebook or notes.	
24	Q. I don't either.	
25	A. If There are many times where I	

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would do something and scribble something and throw it out. I didn't -- It's not as if, you know, if I had customer meetings, the salespeople usually take notes and I would be talking.

- Q. You didn't have a practice of keeping a log --
- A. I didn't have a log. Didn't have a notebook. I -- I would rely on, you know, the salespeople to manage those type of things. So the answer is I definitely don't have any notes from the meeting or there would be nothing at the end of the day that I would be able to look and see anything that says Markopolos or Harry.

Did I scribble on a piece of paper?

I don't know. Did I open a spreadsheet and not save it, maybe I did that, but there's nothing — there's nothing anyone could find that I could say, hey, this is a note responding to that. Did I scribble something or open a spreadsheet? I may have. That was the standard thing I may have done, but there's no recollection I have that says it's in this notebook or this file.

Q. Did Mr. Markopolos give you any indication as to why he was asking you these questions?

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- A. I don't remember.
- Q. Do you recall asking him why you need this information or having any discussion about the context of why you were providing this information to him?

MS. REISBAUM: Objection.

- A. Could you repeat the question? I was looking out the window.
- Q. I'm trying to understand, was there any discussion or context to this inquiry --
- A. I would say if there was any context, it was a question that -- that he was -- I guess he was skeptical, would be the general context, that he had some skepticism, or to him it was a puzzle or something that needed to be figured out.
- Q. And did you agree with his skepticism after performing your own analysis?

MS. REISBAUM: Objection.

- Q. You can answer.
- A. I'm not sure whether the skepticism he had, you know, whether he indicated he was skeptical and said I'm skeptical, do you agree or whether his skepticism was after I looked at the ting. I'm not sure whether he coached me or not to getting a conclusion or whether he was simply

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48 1 saying, look at this. So repeat the question, 2 please? 3 If I understand correctly, you agreed 4 that the strategy that you looked at was not capable 5 of generating the returns that were being stated. 6 MS. REISBAUM: Objection. 7 You can answer. Q. 8 Α. The strategy as described. 9 Q. Yes. 10 Α. It's possible it was 11 mischaracterized, that there was something else 12 going on. The strategy as described, as I 13 understood it, so yes, I was skeptical that that strategy as described could generate those returns. 14 15 And we'll talk about this today at 0. 16 some length and, again, I ask you to bear with me 17 because you'll feel like sometimes we're repeating ourselves? 18 That's why I'm confused. 19 Α. Yes. 20 0. Don't mean to confuse you at all. 21 Can you try to tell us, to the best of your ability, 22 why you were skeptical that the strategy as 23 described was not capable of generating these 24 returns? 25 MS. REISBAUM: Objection.

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Q. You can answer.

A. Like I said before, that portfolio of equities with a collar around it behaves either like the equity market in the limine case, where the collar is very wide, which means the strikes are very far apart, or it behaves like a fixed-income instrument, where the strikes are very close.

So in a limine case, where the strikes are equivalent, you get the fixed-income returns which would give you a short-term rate which in the U.S. vary between one and five or six percent, so that would give you between one and five percent and the numbers that I remember were more in the area of -- as an annual rate. Per year, not per month.

Q. Per year. Not per month.

A. Yes. So the numbers I remember were more in the area of ten percent so -- and the thing is if someone had -- and the other limiting case that the collar was very wide, you would have something that looked very much like the equity market, where the equity market, of course, had some years where it was up ten percent, but it also had years where it was down a lot. So the return series of someone who had the equity market without a hedge

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would have months that were one or two percent and months that were down a lot.

So it looked neither like pure fixed income or pure equities. And if you had a hybrid, if you did something that had strikes that were far apart to give you let's say half the risk of the equity market, just conceptually, it would look like something that was half short-term bonds and half equity market, so it would look as an average between these two extremes. It didn't look like that either.

So in terms either of its risk and reward, it didn't look like what we call linear combination, which means a weighted average of any of these two limiting cases, one pure fixed income and one that's pure equity, so -- so if -- if that was where the return was coming from, that didn't make sense to me.

The other possibility I thought was that there was -- if someone were to pick stocks very well and short the S&P against it, somebody could get a return series that looked like this. It's possible. But then I would assume someone would focus more time on how it is they were able to pick these stocks. That would be what was the

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important part of the strategy, not which options they were doing -- in fact, someone doing that could do the same thing with futures as opposed to options.

So there was a long description of the options that from my point of view weren't doing anything useful. They weren't generating any return, they were actually hedging something. And if the person was very good at picking stocks, there would be some discussion of how the person picked stocks so well. So I couldn't see how that worked either.

- Q. You may have already -- I'm not meaning to cut you off.
- thought of, right? So if the person was very good at picking stocks, I would expect to see more about that. If there was a question of finding value in the options market opposed to always doing the same options, if someone said, well, for instance, as an example, whenever the volatility is like this, I would do only the call, but other times I would do only the put, or if they would look at the prices of the options or look at the volatility of the options to decide what to do, you can outperform that way as

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well.

In fact, that's what my group was good at making recommendations about. So if there was some dynamic strategy that involved using quantitative signals about the market, the returns, et cetera, then I could see how that could work as well, but I didn't see anything dynamic like that.

And also that would also involve a fair amount of risk because many quantitative strategies work most of the time. But when they don't, you see a very negative performance. So it wasn't consistent with a variety of things I knew about in terms of, you know, it's a long short fund. It's a volatility fund and the various categories I knew about didn't really -- none of those really fit the returns here.

- Q. Well, maybe you answered this, but what did the return profile look like to you?
- A. The return profile had very many, I would say, a vast majority of months that were positive and very few that were negative. I do need to say I have looked at information regarding this after the case, so it -- it's not entirely clear to me when I'm talking about something whether it's something that I remembered at the time or something

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since then.

Q. I appreciate that.

MR. BOCCUZZI: So we should restate the question, then, or just reask it, or have the court reporter read it.

- Q. If you recall -- and I appreciate that sometimes it is difficult after the fact you learn things, but I'm trying to put your mind back --
- A. I recall that looking at the number of down months as one indicator, that looked like the return profile that's more characteristics of something else.
  - Q. Of what?
- A. Well, there are many things that could result in something like that. If someone was only doing an agency business, a market making business, without taking much risk and making all the commissions, that would be the type of thing you would see. If someone had a diversified hedge fund or a fund of funds, were doing many different strategies, where each one of them had its variation but when you add them all up, they cancel out or something, right, then you could get something like that.

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If someone were doing a different type of business, right, was selling computer software or something, right, someone was running a casino, there are things more suitable to the type of business that makes money every month, so -- so I thought it would be suitable to something like that.

So there are -- and there are hedge funds who have track records of doing very well for very long times, and also firms that do very well for very long times, but they're basically doing a variety of strategies, right, and they're choosing which ones to do, and allocating back and forth.

And there's some -- you know, a bunch of strategies and a portfolio of strategies that when you put everything together, you can get a return series like this. But if you look at any individual one, it would not look as good, meaning you would have the same return, but much more risk.

- Q. Did you understand that Madoff was running a single strategy when you were --
- A. I only saw one strategy described on the web site. I also thought that, you know, maybe the returns are coming from the market making activities, right? Then that -- because when I looked at the web site, I saw it was a market maker.

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So if someone was only doing market making, I can see how you make money every single month, because the way you lose money market making is, you know, basically you have an error or you -- you know, something just goes wrong, but if you're always making markets without much risk in it in something that's liquid, it's possible to make money on a regular basis.

- Q. Did Mr. Markopolos explain Madoff's business to you or what you were looking at in terms of investment advisory accounts?
- A. No. I did not understand what the entity was. I -- I assumed it wasn't a hedge fund because hedge funds don't advertise, and I saw something about a broker/dealer, so I assumed I was looking at something that was a broker/dealer.
- Q. After your conversation with Mr. Markopolos that day in which you discussed returns and the market activity, did you speak with anyone else at Citi who we haven't discussed today outside of the sales desk people and the index desk about your conversation with Mr. Markopolos?

  MS. REISBAUM: Objection. Can you

restate that question?

MR. FARLEY: It was a bad question.

I lost track.

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1	Q. I'm trying to find out, Mr. Gross,	
2	we've talked about you speaking or having a	
3	conversation with the index desk, with the	
4	salespeople. I'm trying	
5	A. That was	
6	MS. REISBAUM: Hold on, let him get	
7	the question out.	
8	Q. I know what you're going to say,	
9	they're not meetings, I understand you just had a	
LO	quick question to them, they gave you a quick	
L1	answer. I'm trying to find out after that, did you	
12	speak to anyone else at Citi about Madoff in the	
L 3	time frame when you were about	
L 4	A. No.	
L 5	Q this conversation with	
16	Mr. Markopolos?	
L 7	A. No.	
L 8	MR. FARLEY: Let's take two minutes.	
L 9	(Recess taken.)	
20	(Exhibits Gross-1 and Gross-2 marked	
21	for identification.)	
22	Q. As a housekeeping matter here, let's	
23	go ahead and mark as Gross Exhibit 1 the protective	
24	order signed by Mr. Gross and Gross Exhibit 2, the	
25	protective order signed by Ms. Reisbaum. And also	

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57 for the record, the court reporter has executed a 1 protective order as well and the Cleary law firm has 2 3 already executed a protective order as well. 4 Going back to the conversation that 5 you had with Mr. Markopolos that day regarding 6 Madoff, did he ask you to do any further work upon his departure? 7 8 Α. No. 9 What was the next circumstance or Q. 10 time you recall meeting with Mr. Markopolos? Yes, I recall two meetings at Citi 11 Α. afterwards. I don't know if there was one in 12 between so the answer is the next one I can't tell 13 14 I can tell you there were further ones. 15 Again, all we can ask for is your 16 best recollection involving an interaction with 17 Mr. Markopolos? 18 Α. The next one in person was he came to the office and we met in a conference room and he 19 20 showed me a business card and said he had a new job and the question was a personal thing, what's new 21 22 with you, and also he told me about his new job. 23 0. And what was his new job? He's some kind of financial fraud 24 25 investigator.

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1	Q. Were you and Mr. Markopolos the only	
2	people present in the conference room?	
3	A. I don't know.	
4	Q. And you mentioned that you recall	
5	this being the next in-person meeting. Did you have	
6	any other communication with him before that	
7	in-person meeting?	
8	A. I don't know.	
9	Q. Did the subject of Madoff come up	
10	during this meeting that you recall in the	
11	conference room?	
12	A. I don't remember, but it wasn't the	
13	primary topic of conversation. I don't know whether	
14	he mentioned it or not, but it wasn't what the	
15	conversation was about.	
16	Q. Was the conversation more focused on	
17	his new job?	
18	A. It was Yes. On his new job.	
19	Q. Just to the best of your	
20	recollection, do you recall discussing anything	
21	having to do with Madoff during that meeting?	
22	A. No. I don't.	
23	Q. And you said you recalled another	
24	A. That's correct.	
25	Q meeting with Mr. Markopolos. When	

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was that and what do you recall?

- A. It was sometime in the Fall of 2008. It was in the cafeteria.
  - Q. What cafeteria?
- A. There's a -- the buildings at 390 Greenwich and 388 Greenwich, they're connected and there's a cafeteria of -- I don't know the name of the building, in Tribeca, in the cafeteria there on the first floor.
- Q. And what were the circumstances of you meeting with Mr. --
- A. Holly told me Harry was there, and you know, we would have lunch and Holly was there for, I would say, the first 20 minutes. And then I joined and then after 15 minutes, Holly left and she had to go back to the trading floor and we had some breakfast together.
- Q. And what do you recall discussing during that meeting in 2008?
- A. He was telling me more about his -his -- his work that he was working on different,
  you know -- he -- I believe the reason he was a -he was meeting with us was, first of all, he was in
  town and probably a social thing. But I think that
  in order to do fraud investigations, he needed

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1	information. So he would talk to people he knows,	
2	have you heard anything that would help him in the	
3	job.	
4	So I think part of the reason was, do	
5	you know anything, have you heard anything. And	
6	then he told me some of the things that he was, you	
7	know, I'm working on something like this, et cetera,	
8	so that was most of the content of the meeting.	
9	Q. Do you recall any discussion	
10	involving Madoff during this 2008 meeting with	
11	Mr. Markopolos?	
12	A. No.	
13	Q. You don't recall or there was no	
14	discussion	
15	MS. REISBAUM: Objection.	
16	Q. I'm just trying to understand.	
17	A. Your first question is, do you recall	
18	and the answer is no, I don't.	
19	Q. At any time before you left Citi's	
20	employment in 2008, did you have any conversations	
21	with others working at Citi about Mr. Markopolos's	
22	suspicions regarding Madoff?	
23	MS. REISBAUM: Objection.	
24	Q. You can answer.	
25	A. Apart from the time when Harry was in	
	1	

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the office, no.

- Q. Did you ever undertake to understand or investigate whether Citi was involved in any transactions involving Madoff or Madoff exposure?

  MS. REISBAUM: Objection.
  - O. You can answer.
- A. I said I asked the salespeople and the traders whether they knew of this customer either indirectly or directly, so the answer is yes that was my attempt to try to find out.
- Q. Other than the inquiry you made that particular day --
  - A. While I was working there, no.
- Q. Apart from any conversations you had with counsel, have you had any conversations with anyone after you worked at Citi involving Madoff?

  MS. REISBAUM: Objection.
  - A. Can you be more specific?
- Q. Well, I'm trying to understand because you answered the question while I was working there, no. I'm trying to understand, are you making a distinction between while you worked at Citi and after you left Citi that you might have had discussions involving Madoff?

MS. REISBAUM: Objection.

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62 MR. FARLEY: I'm not entirely sure 1 2 what the objections here are for. This is a 2004 3 deposition. There's really no objections to be 4 made. 5 MS. REISBAUM: I think you misstated his testimony. 6 7 Q. I'm certainly not trying to misstate 8 your testimony. 9 I've had discussion with counsel. Α. I don't want to hear about that. 10 Q. You don't care about that. It's a 11 Α. 12 topic in the news, so people talk about it. So are 13 you asking about, you know, whether there were any topics that people talked about in the news or are 14 15 you asking whether there's anything that's related 16 to people who actually worked in the industry or 17 know about this. 18 Q. What I'm really trying to ask, 19 Mr. Gross, and I apologize if I'm not doing it well, 20 is your conversations with anyone working at Citi 21 while you worked there, or after you worked there 22 involving Madoff. Can you tell me about those? 23 Conversations with people working at Citi, I haven't spoken to any Citi employees other 24 than counsel about Madoff since I left Citi.

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1	Q. That's all I'm trying to find out.	
2	And just so we're clear, you	
3	understand when I refer to Madoff, I'm referring to	
4	Madoff or the broker/dealer.	
5	A. The person or the business.	
6	Q. Yes.	
7	A. Or any related Yes. I understand.	
8	MR. FARLEY: I'm going to mark as	
9	Gross Exhibit 3, an email with Bates Number	
10	CGMH00002769 which appears to be an email from	
11	Mr. Markopolos to Mr. Gross dated Friday, June 29,	
12	2007.	
13	(Exhibit Gross-3 marked for	
14	identification.)	
15	Q. Mr. Gross, do you recognize what I've	
16	handed you as Gross Exhibit 3?	
17	A. I understand that you've handed me	
18	something that's labeled.	
19	Q. Is this an email that was sent to	
20	you, Mr. Gross?	
21	A. Yes.	
22	Q. Do you recall receiving this email	
23	from Mr. Markopolos?	
24	A. No.	
25	Q. Do you have any reason to believe	

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64 that you didn't receive this email? 1 2 Α. No. 3 0. Do you recall whether you responded 4 to this email, whether by reply email or telephone 5 or otherwise? 6 Α. I didn't respond to this email. 7 What, if anything, did you do with Q. 8 this email, Mr. Gross? 9 Like I said, I don't remember opening Α. 10 it or reading it. 11 Sitting here today, do you have any Q. 12 recollection of Mr. Markopolos suggesting that 13 Madoff was running a Ponzi scheme? I -- I've seen this email in his 14 Α. 15 book, and I've also seen it in other contexts, so I 16 -- I -- I've seen it since I left Citi, and since the information came out, but I didn't see it at the 17 time. I don't know what you're asking. 18 19 Q. What I'm asking -- Again, I 20 appreciate things have happened since, but what I'm 21 trying to understand is at or about June or July of 22 2007, what do you recall --23 Α. I was not in communication with Harry in June of 2007. If he had suspicions when I met 24 25 him before in the office, then that's when I -- you

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know, I don't know exactly what he was suspicious of, but I -- I don't remember him saying anything about Ponzi when I met him.

If you read this particular email, it Q. says, "Leon, long time no hear, but I know you'll love this. Wickford is offering an HSBC swap on Bernie Madoff that provides 3 to 3.25 times exposure to Bernie Madoff. How they're planning on hedging this should be telling. If they aren't getting full visibility to Madoff's positions, then I'm very suspicious. If HSBC is running blind factor model to predict Madoff's return stream and then replicating it, I'm even more suspicious. If Madoff is allowing a third party marketer to pitch this sort of product, my guess is that he is running low on new investors, cash in flows and needs to feed the Ponzi beast or face ruin. Any input on your part of what you might be hearing. Is Madoff running short of new cash? We all know how Ponzi schemes turn out."

Do you recall receiving this email and doing anything including responding to

Mr. Markopolos with any insights you had?

MS. REISBAUM: Objection. Asked and

25 answered.

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Q. You can answer.

A. I didn't -- I didn't -- I didn't respond to the email, and I don't remember reading this or opening it. I can tell you why I think that is.

We -- We got hundreds of emails a day and it was such that our emails were getting unmanageable. We had all kinds of rules to put things in folders and if the email got too big, you couldn't send email. So they would call people up and tell them to delete email. And I had all kinds of rules to send things to folders. And the default assumption is someone wouldn't read the email. And it was a probabilistic thing whether someone actually read your email or not. So we would send it multiple times, send it to 3 or 4 people. We would call people and say, read your email or we would put it on a chat room.

So the assumption was anything on a trading desk that only a small probability that somebody would actually read and respond to any email. And if someone really wanted to get someone's attention, a single email would not suffice. That was the kind of a standard practice in working on the trading floor.

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1	It's also I see here, it's not during	
2	business hours. It's a it's on a weekend and at	
3	night, so it's entirely possible when the email came	
4	in and I wasn't working or at my desk, so it's not	
5	something I would have seen when it came in, so it's	
6	entirely possible that I never saw the email or even	
7	saw the header.	
8	Q. Do you Is it your testimony then	
9	you didn't forward this email to anyone?	
10	MS. REISBAUM: Objection.	
11	Q. To the best of your knowledge?	
12	A. I didn't forward this email to	
13	anybody.	
14	Q. You have a recollection of that?	
15	A. I have no recollection of that.	
16	MS. REISBAUM: Objection.	
17	Q. Other than your initial conversation	
18	with Mr. Markopolos when you looked at the strategy	
19	as described, tried to resolve the discrepancies, at	
20	any other time, did you devote any time thinking	
21	about Madoff and his trading strategy and the	
22	returns he generated?	
23	MS. REISBAUM: Objection.	
24	Q. You can answer.	
25	A. That was the only time the the	

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68 1 name Madoff ever came up. 2 Came up with Mr. Markopolos or just Q. 3 4 Came up in my -- came up in my -- in Α. 5 my employ at Citi. 6 Q. You mentioned Mr. Markopolos's book. 7 Have you read it? 8 I own it. I've read parts of it and 9 skimmed it. I can't tell you I read every page. I'm familiar with parts of it. 10 Were you aware while you worked at 11 Q. Citi that certain financial institutions were 12 13 offering leveraged exposure through total-return swaps or structured products to Madoff feeder funds? 14 15 Α. No. 16 Do you know what Wickford Fund LP is? Q. 17 Α. No. I can guess, but I don't know. I'm not familiar with Wickford. 18 19 Q. Other than the email that I put in 20 front of you from Mr. Markopolos dated June 29, 21 2007, do you have any recollection of receiving any 22 email from Mr. Markopolos while you worked at Citi? 23 Α. I don't remember any specific email. It's entirely possible in our conversations about 24 25 requesting data that either me or someone in my

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69 group forwarded him some data or something, but I 1 2 don't remember ever actually writing him an email. 3 And I think you answered this, but 4 just to be clear, did you ever follow up with 5 Mr. Markopolos after your initial meeting with him in New York discussing Madoff about any subject --6 7 You mean did I take the initiative? Α. 8 Q. Yes. 9 To call him? Α. 10 MR. BOCCUZZI: About Madoff. About Madoff. 11 Α. 12 Madoff. Q. 13 About Madoff, no. Α. Are you still in contact with 14 Q. 15 Mr. Markopolos? 16 I don't have his phone number. Α. 17 sent him an email four or five months ago. I'm not 18 sure how to answer your question. If you ask more 19 specifically, I can help you. 20 Q. Do you still maintain a professional 21 or a social relationship with Mr. Markopolos? 22 MS. REISBAUM: Objection. 23 Α. I would say it's not a relationship. 24 I can tell you the interactions since I left Citi. 25 Q. And what are they?

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A. In December, 2008 when the -- when Harry was on the front page of the Wall Street Journal, I made an effort to contact him. I didn't know how to contact him. I emailed the Wall Street Journal reporter and -- who wouldn't provide me contact information. And I said if you talk to him, tell him to contact me because he was protecting -- I guess he was protecting Harry because he was getting lots of calls or something. And I remember calling back and forth, it was around the holidays. I remember playing phone tag. I don't know if I ever spoke to him, but I do remember some voice mail message, so that was one interaction.

- Q. Why did you attempt to reach out to him?
- A. I -- you know, it's not every day
  that someone I know is on the front page of Wall
  Street Journal. There are times when people I heard
  of, famous people I heard of, yes, I've heard of
  this person or may have saw somebody once, but, you
  know, when a relative or a friend or customer or
  someone I actually know, right, is on the front page
  of something, I am interested and I want to call
  them up and say I saw that, or things like that, how
  are you doing.

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	LEON J. GROSS 10/22/10 CONFIDENTIAL SIF	C v. BLMI
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1	Q. Was there any other information or	
2	contact you had with Mr. Markopolos since?	
3	A. The There was a time I don't	
4	know exactly when where one of my relatives had	
5	showed me something that I believed to be a fraud,	
6	so I basically referred him to Harry and said maybe	
7	Harry would be interested in helping him or finding	
8	out about it.	
9	Q. I assume that had nothing to do with	
10	Madoff issues.	
11	A. No. And when the book came out, I	
12	wanted a copy of the book and it wasn't It wasn'	t
13	in the book stores yet, so I went to the book party	
14	and got a copy of the book, of Harry's book.	
15	Q. His book signing?	
16	A. Yes. I guess it's it's called a	
17	book party.	
18	Q. And you mentioned when news broke	
19	about the Madoff Ponzi scheme what, if any, reaction	n
20	did you have?	
21	A. Well, I was very interested in	
22	reading about it. I was I was surprised to see	

my -- my name quoted in a thing -- something involving the SEC. Someone forwarded it to me and said take a look at this.

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1	Q. But not in a bad way.	
2	A. I said I was surprised. So there was	
3	certainly surprise on that. And I guess I thought	
4	that a that that Harry had his suspicions and	
5	he had turned out to be right. That was, I guess,	
6	my thinking at the time. I'm sorry. Did that	
7	answer your question?	
8	Q. That's fine. Mr. Gross, in a one	
9	of Mr. Markopolos's submissions to the SEC,	
10	Mr. Markopolos states, "Leon can't believe that the	
11	SEC hasn't shut down Bernie Madoff yet. He's also	
12	amazed that FOFs" fund of funds "actually	
13	believe the stupid option strategy is capable of	
14	earning a positive return much less a 12 percent net	
15	average annual return. He thinks the strategy would	
16	have trouble earning 1 percent net, much less 12	
17	percent net."	
18	Do you recall having a discussion	
19	with Mr. Markopolos where you expressed those	
20	thoughts in words or substance?	
21	A. Am I allowed to see that piece of	
22	paper?	
23	Q. Absolutely.	
24	A. Now that I have this, could you ask	
25	the question?	

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- Q. I just read you a portion of a submission made by Mr. Markopolos to the SEC in which he purports to attribute thoughts or ideas to you. I'm asking you, hearing those, does that refresh your recollection as to making these remarks to Mr. Markopolos or not and what do you recall about that?
- A. There are a number of remarks. I guess we should take them one by one as opposed to asking a general question.
- Q. Okay. Let's take it one by one. The first thing Mr. Markopolos states is, "Leon can't believe that the SEC hasn't shut down Bernie Madoff yet." What, if anything, do you recall about that statement, if it was made?
- A. I don't recall making that statement. I do recall thinking that there was something very wrong with a broker/dealer, quote, unquote, advertising or publishing a strategy that didn't make sense to me. So I didn't know what was wrong but I thought something was wrong. That was my understanding at the time. I don't know if I said, you know, should be shut down, SEC should have shut it down, there should be consequences. I don't know how much of that is his paraphrasing me or my own

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74 1 words, but I do remember saying something is wrong 2 here. 3 Mr. Gross, was it that clear to you 0. 4 in looking at the strategy as described that it 5 simply could not do the returns that it purported to achieve? 6 7 MS. REISBAUM: Objection. 8 Q. You can answer. 9 At the beginning or at the end? When Α. 10 he first showed it to me or after thinking about it for an hour? 11 12 After thinking about it? Q. 13 After thinking about it, that was my Α. conclusion. 14 15 Ο. And that was thinking about it for an hour or so. 16 17 Probably was. Α. 18 Q. We'll go line by line. Just to be 19 clear, Mr. Gross, I'm just asking you whether this 20 happened or not. I'm not suggesting you made every 21 one of these statements. This is as reported by 22 someone who is not here, but let's just talk about 23 this. He says, "he's also amazed that fund of funds 24 actually believed the stupid options strategy is 25 capable of earning a positive return, much less a 12

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percent net average net return."

Do you recall making the statement in that regard, in those words or substance? And, if so, what do you recall?

A. I wouldn't have used the FOF because that's not something I'm familiar with, so if -- if that's in there, then that's his understanding. My understanding would not be to use that, so I'm not sure whether that is something I actually said. I did say before that I didn't think that this strategy was capable of -- this strategy as described was capable of returning -- of giving the returns.

I believed at best, it could either do something that looked like the risk-free rate or something looked like market or something in between. So I did believe that -- I did believe that -- that there is a discrepancy, as I said before, in the returns as described -- I'm sorry, the strategy as described and the returns as reported. And I thought that that discrepancy was problematic.

- Q. When you say a "risk-free rate" would that also include an investment in Treasury bills?
  - A. The risk-free rate by definition is

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76 Treasury bills. The only question is which maturity 1 2 you buy. 3 You would have to be more specific. 4 Every country obviously has its own benchmark 5 currency, et cetera. 6 0. I should have asked you this before. 7 What licenses do you currently hold or have you held? 8 9 I don't know whether the licenses I Α. 10 held before -- what happens to them when someone actually leaves the firm. 11 12 Q. Fair enough. Series 7, series 3, Series 63, series 13 24. Those are the ones I remember. There may have 14 15 been one or two other ones. 16 What, if any, options licenses --Q. I'm not sure. I think the 63 is 17 18 options. I think 3 is futures. I may be wrong 19 about that, but whatever ones I needed to do my job, 20 I had. The series 24 is to be a manager. I had 21 that one as well to run a desk or to run a retail 22 branch. 23 Ο. Did Mr. Markopolos ever ask you to share any of the information he had learned about 24 25 Madoff with anyone at Citi other than yourself?

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A. No.

Q. Did Mr. Markopolos ever ask you not to share any of the information you had discussed with him about Madoff with others at Citi?

A. No.

Q. Did you ever think about whether you should be sharing the information about Madoff that had been brought to you by Mr. Markopolos with anyone at Citi?

MS. REISBAUM: Objection.

- A. I would say I didn't spend a lot of time thinking about it.
- Q. When you were having these discussions or discussion with Mr. Markopolos about Madoff, did you have any sense of how large an operation Madoff had with respect to assets under management?
- A. I wasn't aware that he was managing money. I thought he was a broker/dealer. I saw a web site that said broker/dealer. There was what I consider advertising. I know hedge funds don't advertise. And I wasn't, as I said before, I wasn't familiar with any activity of his in the market either from, you know, the questions I had or experience.

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So from my point of view, this wasn't somebody who was an asset manager. This was somebody who was a market maker, so the answer is I had no familiarity with it, with any assets he was managing, other than his own or whoever owned the security firm that he owned or worked at.

- Q. I'm just trying to be clear here.

  Mr. Markopolos never said to you in words or

  substance, I think Bernie's got 20 billion dollars

  in assets that he's managing for investors?
- A. He never put a number -- he never told me any specific number about how much he was managing.
- Q. While you worked at Citi, did anyone other than Mr. Markopolos ever bring up the subject of Bernie Madoff or BLMIS with you?
- A. I don't remember that. Not that I remember.
- Q. And just to be clear, I'm asking about anyone including people at Citi or other banks or anyone in general, the world. Do you recall anyone else ever speaking to you --
- A. There was no -- There was no conversation I had with anyone about Bernie Madoff.

  Did I hear the name somewhere? I don't know.

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1	There's no conversation I remember participating in	
2	where I actually said something or understood what	
3	the person was saying.	
4	Q. Nothing sticks out in your mind.	
5	A. No. While I was Before the news	
6	broke. Everything is referring to that.	
7	Q. Fair enough. Are you familiar with	
8	someone named Hazlitt Gill? Does that name ring a	
9	bell to you?	
LO	A. Is the first name Hazlitt and the	
L1	last name Gill?	
12	Q. Yes.	
L3	A. No.	
L 4	Q. I'll represent to you that we	
15	understand that she was a vice president and manager	
16	analyst at Citigroup alternative investments. Does	
L 7	that help you place the name?	
L 8	A. We had a quarter of a million	
L 9	employees. I don't think I know anyone in	
20	alternative investments.	
21	Q. Again, just to be clear, do you	
22	recall having any discussions with Ms. Robinson	
23	regarding Mr. Markopolos and Madoff?	
24	A. The two of them together, no.	
25	Q. Because I understand that if she let	

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80 him in the building, you probably had a conversation 1 2 saying Bernie's here to see you --3 MR. BOCCUZZI: Harry. 4 I'm sorry. Harry is here to see you, Q. 5 but I'm saying a subsequent conversation with Ms. Robinson about Bernard Madoff. 6 7 Α. No. 8 Q. Did you ever meet Bernie Madoff? 9 Not that I know of. I didn't know Α. 10 what he looked like until the pictures were in the 11 paper. 12 Mr. Gross, I'm going to hand you what Q. 13 we're marking as Gross Exhibit 4, which has Bates stamps CGMH0001286 through 1320, which appears to be 14 15 a prospectus for Fairfield Sentry Fund Limited B shares. 16 17 (Exhibit Gross-4 marked for identification.) 18 19 Q. The first question is, have you ever 20 seen, reviewed or read a prospective for Fairfield 21 Sentry Fund shares, to the best of your 22 recollection? 23 Α. While I was working at Citigroup, I never saw this document or something similar to it. 24 25 Q. Fair enough. I'm going to ask you to

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81 turn to Page 16 of this document which is at CG --1 2 Can I clarify my previous comment? Α. 3 0. Absolutely. 4 I said before, Harry had showed me a Α. 5 return series. I don't know where that came from. If that's in here, right, then it's possible he 6 7 showed it to me. I wouldn't know that it's this 8 document. It's possible I might have seen something 9 in here, not knowing what it was. 10 I appreciate the clarification. 0. 11 Right now, I just want to show you something on Page 16 which is CGHH00001301, and there's a section 12 13 called Investment Strategy. Do you see that? 14 Α. Yes, I do. 15 I would like to ask you to take a 0. 16 second to read what's on Page 16? 17 Α. Yes. 18 Ο. And then a little bit on to 17. And 19 my question is going to be when we were talking 20 about the strategy that you looked at, is this the 21 strategy, to the best of your recollection? 22 MS. REISBAUM: How far should he read 23 on 17? 24 MR. FARLEY: First two paragraphs. 25 Α. I've skimmed this. If you ask me

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more specific questions, I may look at it again before answering.

- Q. My question is going to be when we discussed earlier today the strategy that you looked at with Mr. Markopolos, is this the strategy that you were evaluating with Mr. Markopolos, the separate --
- A. I don't know if it's the precise words but it's close enough that I would assume it refers to the same strategy.
- Q. Before you had this conversation with Mr. Markopolos, had you ever heard of a split strike conversion strategy before?
- A. Meaning had I heard those exact words used, or had I heard something described that was equivalent?
  - Q. Both, actually.
- A. I'm not sure if I heard those exact words being used. As I said before, something equivalent, that to have a position and to collar it, which means to sell a call to pay for a put is a very standard thing that people do in derivatives, so I'm extremely familiar with collaring. We've recommended them, we've written pieces on them. So I'm very familiar with collaring. Whether I saw

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someone use these exact words to call it this, I wouldn't call it a split strike conversion.

- Q. Why is that?
- A. I call it a collar. That's the -that's the terminology that I think is it an
  industry standard. I guess if you -- a conversion
  is when I think of a conversion reversal is when the
  strike is the same, you buy the index or stock and
  sell the call and put, that's one conversion.

The reversal was going the other way, so I think of the conversion of being by the definition at the same strike. So if someone said split strike conversion, I would say I understand what that could be. I could break it down to pieces but it wouldn't be the term I would use. I would refer to this as a collar.

Q. How would you describe a collar strategy in terms of risk profile, in terms of return expectations, in terms of market outlook, three different things?

MS. REISBAUM: Objection.

- Q. You can answer.
- A. So I'm going to ask you, by the collar, do you mean the collar itself or the collar when overlaid on an existing position, because

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they're different.

- Q. The collar when overlaid on an existing long equities position?
- A. A collar can be on any type of position, but we'll talk about equities for now. A collar by definition is the purchase of a put to provide a downside floor to the value of the portfolio. And simultaneously, the sale of a call which limits the upside of the -- of the portfolio.

Typically people do these together because people want the protection and don't want to pay for it, so the way they do it without paying for it is they sell a call and they use the proceeds from selling the call to buy the put. That's when — when the prices are exactly the same, it's called a costless collar, but you can do a collar where the put costs more than the call, a customer can do a collar where you receive when the call costs more than the put.

So it's a standard thing that -- that investors who are long something would consider as a hedge. There are a number of things, and this I would say, the most popular -- the two or three most popular way to hedge something, the collar would be one of those things. So it's definitely an industry

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standard thing that people talk about when hedging an existing portfolio.

- Q. And are there limited upsides when placing the collar?
- A. Yes. The upside on the portfolio -if -- if the options are on the same underlying as
  the portfolio, which means if you own let's say IBM
  stock and you have a collar in IBM, then you know
  exactly what the upside is. If your collar is on
  the S&P, but you have a portfolio, then if the
  correlation in tracking is exactly 1, then you know
  your upside. But because they're not exactly the
  same, your upside could be plus or more if you
  underperform or outperform the S&P.

Meaning that if I sell a call at ten percent on the S&P, the most I can make is ten percent. If I sell a call at ten percent, and I own a portfolio like the S&P, I could make 12 percent if I outperform the S&P by two or if I underperform.

So there is limited upside -- I said before, if the call is very close, if I did a 101 call, I would only have 1 percent potential upside. If I did a 120 call, I had 20 percent potential upside. So I can pick any strike I want to do the call and pick any strike I want to do the put.

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- Q. Did you have an understanding as to whether the strategy that you looked at in connection with Mr. Markopolos, the options were in the money, at the money, out of the money?
- A. Collars usually are done with out of the money options.
  - Q. Why is that?

A. To take an example of the stock at 100, what someone says -- let's say the stock is at 120 -- it's up 20 dollars, so I'm up 20 percent year-to-date, so I would say I'm happy being up let's say 115 and 125. I can live with that. I can't live with going back to zero and I only care about going to 50 percent.

So a collar is usually done around the stock price to say, you know, I'm happy with a sale price where it is plus or minus a certain range so usually the range is plus or minus what the given stock price is, so that's -- options are usually out of the money.

Looking at the return series, when I saw that none of the returns were very high, my conclusion was that the strike of the option must not have been -- on the call must not have been very far out of the money on the upside and the same

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thing on the downside. If there weren't any big down months, the strike of the put must not have been very far away from the strike, from the market.

- Q. Do the price of options vary depending how close the strike price is to --
- A. The price of the option depends on four or five factors, one of which is the relationship between the strike and spot price.
- Q. Is it more expensive generally to buy an option that's at the money?
- A. The most expensive options are the ones in the money. The at the monies are in the middle and the out of money is the cheapest, so there's a spectrum of way in the money option which can cost as much as the asset itself if it's a call, to way out of the money which costs zero, to out of money option which is going to be in between.
- Q. Just to be clear, when you looked at the strategy that Mr. Markopolos showed you that Mr. Madoff was advertising, you believed that the options were near the money, out of the money?
- A. I believe the options were near the money because the return series didn't have any large numbers in either direction.
  - Q. Does the price of the options, would

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that affect the returns that can be generated by the overall strategy?

MS. REISBAUM: Objection.

- Q. Again, this is one of these things when I'm asking for your patience because I'm just
- A. Obviously, the price is -- is -- it's obviously when you calculate a return of something it's the price at which you trade something. Right? Minus the price at which it settles for. So it's half of the information. Right? There's a purchase price and a sale price so that's half of the information when you do something.

The way I would look at something in terms of strategy is not in terms of the dollar price or the percent price, but the relative -- two things. One of the things is the relative cheapness or richness of the option, and the other thing is whether the market on average went up or down. So from my point of view, it's less important that this option actually cost 4.80. What's more important to me is that the market went up on average or went down on average.

Understand the return profile of a certain strategy, and also what's more important to

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me whether the options are cheaper to fair value. So when I look at something, I understand it not in terms of -- although underneath everything, you know, there's 4.80, actual real numbers. In terms of dimensions I look at, I look at the trend of the market over the time period and look at whether the options are rich or cheap. And I might also look at what's called the term structure and the skew, which refers to the different volatilities.

A term structure is different maturities, whether the 1 or 3 or 6 month option is pricing in more or less volatility than the other ones, and also the skew, whether the higher strikes are pricing in less volatility more than the lower strikes.

So from my point of view, looking at a strategy, I would look at the level of the volatility, the term structure of the skew, and the market direction. And underneath all those are actual real prices but in terms of my conceptual framework, what I care about are those more abstract concepts in terms of describing a strategy as opposed to talking about a particular price.

Q. But with respect to the Madoff strategy that you were looking at, did you

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understand that the options component was for revenue generation or generating returns or simply for the hedge position?

A. I considered actually a bunch of possibilities, like I said before. I considered the possibility that a -- that like I said before, that he was using different types of options and trying to pick up some incremental returns by doing that, but it's not consistent with that, because they're both S&P.

I considered that there was some kind of dynamic strategy that I said before, on signals, but I don't see that here either. So it doesn't seem to me that a strategy that's described this simply can actually generate positive returns. You know, obviously if you're just going short the market, the market goes down, you're going to make money. That's not what I'm talking about here. I'm talking about relative to owning a portfolio.

So -- so I basically tried to figure out -- from my point of view, I don't care whether, you know, whether the net -- the trade takes in a -- on Day 1 takes in money or results in paying out money. I care whether that money -- how that compares to an average, how much those options are

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91 1 worth at expiration. So the question was, was it to manage risk or was it for income --or what was your 2 3 question again? 4 Q. Risk management or to --5 I understood that -- I -- I Α. 6 considered various possibilities, and I would say 7 that I understood that some of it had to do with 8 reducing risk and --9 When you were looking at the strategy Q. 10 that Mr. Madoff claimed to have be executing, did you have any understanding of whether the index --11 12 Sorry -- whether the options component was index, 13 exchange listed options or over the counter options? The strategy itself doesn't specify. 14 Α. 15 Q. Did you have any --16 Α. However, I will say that on the next 17 page, it does specify. It does mention over the 18 counter. 19 Q. Are you familiar with the over the counter S&P 100 Index market? 20 21 MS. REISBAUM: Objection. 22 I'm familiar with the over the 23 counter market and index options. I'm familiar with the OEX, I'm not sure whether anyone in real size or 24 25 on a regular basis actually trades the OEX on an

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over the counter fashion.

Q. What can you tell me about that, Mr. Gross?

MS. REISBAUM: Objection.

Q. Again, I'm interested in knowing what you know about the OEX, over the counter market and your comment that you're not sure whether anyone really trades in that.

MS. REISBAUM: Objection.

Q. You can answer.

A. I would say it wouldn't surprise me if there were trades there. I would say the primary market for -- the OEX is the hundred stocks that the CBOE put together that have options. It's their index. There are some ETFs linked to it. Those came out recently. But the benchmark that most people follow in terms of managing money is the S&P 500. The people also look at the Dow which is famous but really isn't benchmarked as much because it's weighted in a strange way. People also look at the Russell, mid cap, small cap, growth in value.

There are all kinds of things that people use and track as sort of common things where if you talk to managers, yes, I've benchmarked this, I know about this, et cetera. So in terms of most

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popular things people follow, care about, watch, trade, I would say -- I mentioned the S&P and obviously for different universes, there's a small cap benchmark, there's international, and there are standard ones.

And I would say the OEX is not one of those. The OEX is something the CBOE created to generate, you know, what it thought was interesting at the time. And it's -- I used it for research purposes because I would compare the individual options to the index options. And for the S&P, there are 500 of them. So the calculation was rather difficult and it was simpler to just use a hundred stocks, so I used the OEX.

So for me it was just a simple way of doing it. But in terms of something that professional managers use for hedging and trading, it's not that popular. We don't get many requests for OEX options, although there's some out there, and I'm not sure I ever -- I think I did a swap once on OEX, but I'm not sure if -- if something was a large cap and it was over the counter, I would say, you know, my numbers aren't exact here. I would say like 95 percent of the time, we're talking about the S&P and 5 percent the Dow.

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But I never heard of an over the counter request involving -- I never heard -- it wasn't standard procedure that we would hear an over the counter request regarding the OEX. I'm not saying it never happened. I'm not saying it would be the most surprising thing in the world. It just wasn't the normal course of business that we did on a regular basis.

Q. Setting aside your understanding of what Citi did, did you have any understanding as to whether other banks were large players in the over-the-counter OEX options?

MS. REISBAUM: Objection.

- A. I only worked at Citi, so I don't know what other people are doing. I -- You know, I -- I would recommend, if there was a mispricing between the OEX and the S&P I would recommend to someone who cared about those mispricings and the trade opportunities, so I would look at it that way. I would say it was not the industry standard way that people looked to manage their risk.
- Q. In your opinion are over the counter OEX Index options more or less expensive to trade than listed OEX Index options that are traded on the CBOE?

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95 1 MS. REISBAUM: Objection. You're 2 asking his opinion? 3 MR. FARLEY: Yes. Absolutely. 4 MS. REISBAUM: He's not an expert 5 witness. 6 0. You can answer the question. 7 I don't have much experience 8 comparing the over-the-counter OEX with the listed 9 OEX, so I can --10 Okay. Generally speaking in your 0. experience in options is the over-the-counter market 11 12 typically more expensive or less expensive than a 13 listed exchange --I think --14 Α. 15 MS. REISBAUM: Objection. 16 MR. FARLEY: There's no objections 17 here. I would say they're different. I'll 18 Α. explain the differences and then we can come to a 19 conclusion on that. 20 21 A listed options has a commission 22 that's paid out up front and also on -- when the 23 trade expires it may have a commission there as well, depending whether -- The money option just 24 25 expires. An over-the-counter option doesn't have a

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commission, so the commission there's going to be a different commission cost, so if someone quotes somebody the exact same price for the listed over the counter option then the over the counter option is actually cheaper because you don't have to pay commission. However, someone may quote you a price that takes that into account and says, If I'm going to quote the same price, if I'm going to make three cents quoting this price listed and make the same amount of money I can quote the price 3 cents away, so if you show me the same price for something I can tell you which one's cheaper.

So the other thing is there's going to be possibly a different margin requirements although it's not the cost of the options, the cost of doing business for doing something listed over the counter, and there's going to be a different cost in terms of work to process the trade to clear, to have sent paperwork, et cetera, and there's going to be some costs associated with that.

We used to say for every over the counter it's going to cost us \$10,000 in terms of we have to draw up some paperwork. We have to send it back and forth. Just an allocation of what it's worth, so to do an over-the-counter trade where the

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profit is small it may not be worth our time, although in the practice of a customer who does a lot of business we do it anyway. It's part of the transactions, so that the costs are -- You know, the price may be the same or may be different. There may be a commission, and there are also the costs of how much capital you have to do the trade, and there's also the costs in terms of the -- the costs in terms of the paperwork and the trouble in terms of having to deal with the transaction yourself as opposed to having someone else responsible for selling and processing the trade.

So some people think that, you know, there's more transparency in the listed markets. They would rather trade there. Some people think if they do something over the counter they can get a better execution because people won't know what they're doing. With a listed trade there are rules you have to show -- If a customer wants to trade with a -- I'm not going to get the rules exactly right, so I'll tell you in general.

If a customer wants to trade a certain product with us there are rules on the Exchange that we have to let the people on the floor have part of the trade. We can't simply say, We're

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doing this trade, and that may result in an inferior
price, so sometimes it's better for the customer,
may get a better price if it's done over the counter
because we can do it without involving people on the
floor. So in terms of cheaper there are five or six
dimensions to look at here in terms of getting a
better price, in terms of moving the market less, in
terms of having people It's not a simple
question. It's a more complicated question, and
some customers may say I understand all that. I
prefer to do it this way. It fits my business this
way. So there's no objective question whether one
is cheaper or this one's cheaper. There's a
decisions, a business decision, that's made, you
know, on either as a policy of the firm or on a
case-by-case basis, so

- Q. Does the CBOE keep track of the volume of OEX Index options traded?
- A. Every exchange keeps track of the volume of OEX Index options ever -- It's one of their responsibilities to keep track.
- Q. Is there any way to measure or evaluate the volume of OTC OEX Index options that might be transacted to the best of your knowledge?
  - A. To measure or to estimate?

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- Q. I'd actually like to know both.
- A. I don't think there's any way to measure the volume of over-the-counter options that are out there.
  - Q. What about to estimate?

There are -- There are estimations, Α. and the way we used to do that is to say, This is how much our position is. Right? This is how much we do, and we think in this market we're this percent of it, meaning in this market we're really good and we're 19 percent. In this market we're a small player. We're three percent. We know someone over there who used to work there and they said they were 11 percent, so the estimates I'm aware of are just a question of, you know, projecting outward from what we know, which is this is how big I am and this is how big the market must be or, you know, from -- Other ways would be to know which customers are in the business of doing these things and knowing how much assets they manage, sort of keeping track of, This mutual fund has this much money. We know they do this program, so we can guess they're this much, et cetera, but for business purposes, you know, managers trying to figure out how big the market is and whether -- you know, what the -- If

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1	the market is this big we need we should be able	
2	to get this percent of it, We can make this much	
3	money, et cetera, so it's a standard thing to try to	
4	figure out how big a market is, but I'm not sure	
5	it's really a measurement. It's more of an	
6	estimation to know how big the market is.	
7	Q. With respect to OEX Index options, do	
8	you have a sense of whether more volume is traded on	
9	the CBOE or in the over-the-counter market?	
10	A. I don't know, but if you ask me to	
11	guess I would say that more is probably traded on	
12	the listed market.	
13	MR. BOCCUZZI: Actually I don't think	
14	we want you to guess.	
15	MR. FARLEY: I actually do at this	
16	point.	
17	MR. BOCCUZZI: Just to be fair to Mr.	
18	Gross, he's not here as an expert. He's not here to	
19	speculate. I think we should tie it back to what he	
20	did when he was at Citi.	
21	MR. FARLEY: Again, this is a 2004	
22	deposition. This is a different beast. I'm here to	
23	find out as much as I can. I'm being absolutely	
24	clear. If it's not his personal knowledge we know	
25	that, but this is a 2004 deposition. These	

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101 questions are perfectly acceptable. 1 2 MR. BOCCUZZI: You keep saying that 3 about 2004, but I don't think it's completely 4 anything goes, asking witnesses to speculate and 5 trying to expertize them. He's not being 6 compensated. I would just -- Ask your questions, 7 but I think you should be focused on what he did, 8 what he evaluated, and obviously there's some range, 9 but he's not here to be a free-flowing expert. MR. FARLEY: I'm not going to engage 10 11 you point by point here. He's here in his capacity 12 of a former head options trader --13 Α. I'm not a trader. 14 MR. FARLEY: Options expert at Citi. 15 I'm asking questions about options. 16 MR. BOCCUZZI: He was the research 17 desk. He wasn't the options expert at Citi. think we have to be fair to the witness. 18 19 MR. FARLEY: I have every intention to be fair to the witness. 20 21 Q. When you looked at with 22 Mr. Markopolos the strategy that Mr. Madoff 23 purported to engage in that we've been discussing 24 did you have any sense about whether these trades in 25 the options were done over-the-counter or on a

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1	listed exchange?	
2	MS. REISBAUM: Objection.	
3	A. I asked the question of the people I	
4	knew. Either question. The answer I got is they	
5	were not familiar with any trades.	
6	Q. In your experience with the OEX Index	
7	market is there generally more liquidity on the	
8	exchange or in the over-the-counter market?	
9	A. I have very little experience with	
10	the OEX, the counter market, so I don't know much	
11	about it. I would assume there's more in the listed	
12	market simply because I don't know anything about	
13	that.	
14	MS. REISBAUM: Objection.	
15	Q. Can you turn to Page 17. Question	
16	Number 3 and an answer. Can I ask you to take a	
17	look at that?	
18	A. Yeah.	
19	Q. In trying to resolve what you viewed	
20	as a discrepancy with Mr. Markopolos with respect to	
21	the stated strategy and the returns generated did	
22	you consider the issue of market timing	
23	A. Yes.	
24	Q as a potential explanation?	
25	MS. REISBAUM: Objection.	

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103 1 Α. Yes. 2 MR. FARLEY: There is no -- There's 3 no objections here. Okay? You're here as a 4 courtesy to protect the privilege. There's no 5 objections in 2004, and clearly it's distracting the witness. Okay? I please ask you not to do that. 6 7 MS. REISBAUM: You're asking me not 8 to object? 9 MR. FARLEY: There's no objection to 10 be made. It's not --11 MS. REISBAUM: I think you misstated 12 his testimony. 13 MR. FARLEY: Can we read back the question, please? 14 15 (The last question is read back by 16 the reporter.) 17 Q. You can finish your answer. 18 Α. When you asked earlier I said I 19 exhausted -- I basically tried different --20 different possibilities. I don't know how many I 21 enumerated, but one of them would have been the 22 ability to time the market, so I did consider that. 23 Ο. And what did you consider in that 24 regard, sir? 25 Α. I thought if that's what was going on

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in the description it would talk more about that.

Q. Did you view the description that you read as a market timing strategy?

MR. BOCCUZZI: Wait. Wait. You asked the one that he read, and then he's looking through this one. Are we talking about those four -
MR. FARLEY: I thought we established it was essentially the same strategy in words or substance.

- A. What I said before was some of the stuff was the same and some was not the same.
  - Q. Okay.
    - A. So --
- Q. The strategy of entering into a long equities position and putting on a collar.
- A. What I said was the strategy as described, right, was inconsistent with the returns and the strategy was -- There were things that were missing in terms of me understanding it, and that's why I speculate in terms of this could be this, it could be this, could be this, so I didn't really understand what it was. I thought, you know, given these constraints it could be six or seven different things. Considered each one separately. It's not as if I said, It's this, It's not this. I said when

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1	I look at things, could it be this, could it be	
2	this, could it be this, so I didn't have a firm	
3	opinion that, you know, it had to be this, it wasn't	
4	this. These were things I considered as a puzzle;	
5	how could this be this?	
6	Q. I don't want to mischaracterize your	
7	testimony, but I believe you said after you	
8	considered all these things you came to the	
9	conclusion that none of them would resolve the	
10	discrepancy you saw between the returns	
11	A. That's correct.	
12	Q and the strategy. And one of	
13	those things was market timing. Correct?	
14	A. Yes. I didn't say it at the time,	
15	but, yes, that was one of the things I thought	
16	about.	
17	Q. Generally speaking, a long equity	
18	strategy with a collar, is that a market-neutral	
19	strategy or is it a bullish/bearish strategy?	
20	A. Depends on the collar. If the collar	
21	is infinitely tight, meaning the strikes are the	

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same, the same as selling futures swap, at that

point it's market-neutral. It would be called in

the industry going to cash. If the collar is very

wide it's the same thing as having the S&P, and

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106 depending how wide the collar is, you talk about the 1 2 delta of the collar. If the delta is 50 it's like 3 having a 50-percent exposure, so you're using options, but also using futures and other 4 5 instruments you can take a long position and change 6 them to anything that ranges from having, without 7 using leverage, from zero to 100-percent exposure. 8 When you were evaluating the strategy Q. that Mr. Markopolos showed you that Mr. Madoff was 9 10 employing --I don't know if he was employing. I 11 Α. 12 just know that I read it. Fair enough. Did you consider the 13 Q. utility of putting on the collar if the strategy 14 15 depended on market timing? 16 Does it make sense to me or do I Α. 17 remember considering that exact thing? 18 Q. Both. 19 Α. It does makes sense to consider that. I don't know if I considered that in those exact 20 21 terms, but it's something I thought about. 22 mentioned before about the options, that either the 23 options had a value because they were options or --That's why it was confusing to me. If what you're 24 25 really trying to do is time the market you could

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just use futures as well. It was unclear to me what the advantage was -- You certainly could use them, but the question is why would someone use them. It's unclear to me why that is the case.

- Q. And there is certainly expense associated with using the options.
- A. Using swap. Any time there's a trade there's an expense, and there's a choice to be made between -- you know, of the four ways to go short or hedge or whatever, there's a, you know, cost for each one, and certain people may prefer to do one as opposed to the other. I can't tell you one is better or worse in the absolute sense, but it seems to me someone should -- there should be some reason why I should figure out why -- why someone does it or -- there's probably some reason why someone does something, and it's -- it's interesting to figure out why that would be.
- Q. In your conversations with Mr. Markopolos, apart from you checking with the index desk and the salespeople did the issue of who are the counterparties to these options trades ever come up?
- A. The question Harry asked is whether we knew about it, not whether -- He didn't ask me to

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find out, you know -- He didn't ask me to ask any -you know, Call everyone you know, or Call around.
He just said, Do you see it here. That was the way
he posed the question. That was the question I
answered.

- Q. And in those same conversations did the issue come up whether BLMIS or the feeder funds were the counterparties to the options contracts?

  MS. REISBAUM: Objection.
- A. I wouldn't know what BLMIS actually meant.
  - Q. Madoff Securities.
- A. The only entity I knew about was -- was something called Madoff something because I saw a web site. That was the only thing that had a name associated with it.
- Q. I guess what I'm asking, again poorly, is did the issue of whether Madoff was acting as principal or agent with the options contracts ever come up?
- A. I -- I said before, I wasn't -- I thought he was a market maker. I didn't think he was managing money, so as a market maker, I guess a market maker could do something either as a principal or agency. So no. The issue didn't come

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109 1 up. 2 MR. FARLEY: Why don't we take a 3 lunch break. (Luncheon recess taken.) 4 5 Q. Good afternoon. We're returning back on the record at 1:22. I'm handing you what has 6 7 been marked as Gross Exhibit 5 which has the Bates 8 Stamp CGMH00000332 through 334 and ask you to take a 9 look at that. 10 (Exhibit Gross-5 marked for 11 identification.) 12 First of all I'm going to ask you, Q. are you familiar with an Adam J. Albin? 13 14 Α. No. 15 I'm asking you to look at the 0. 16 attachment to this email, and my question is going 17 to be, is this the type of document that you looked 18 at with Mr. Markopolos when you said you reviewed 19 something that showed both a description of the 20 strategy and returns? MS. REISBAUM: Objection. 21 22 Q. You can answer. 23 Α. I would say the information is 24 equivalent. Whether it was in this format, I don't know. The information is similar. 25

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- Q. And in looking at this particular document you'll see on the bottom left-hand corner toward the middle there's something called a Sharpe ratio. Do you see that?
  - A. Yes.
  - Q. Are you familiar with a Sharpe ratio?
    - A. Yes.
  - Q. What is a Sharpe ratio?
- A. A Sharpe ratio, there's the sort of formal and informal definition. One would be the average return divided by the standard deviation of the return. The other one would be the average return minus the risk-free rate divided by the standard deviation, so one of them is called sort of the excess return over the interest rate, and the other one is just without doing that, so people when doing that would interchangeably use one or the other. One of them is probably the formal definition. One of them is named after Sharpe who was an economist who won the Nobel prize.
- Q. Setting aside the mathematics of it, what is a Sharpe ratio meant to represent or measure?
- A. In the broadest sense mathematically it's the signal-to-noise ratio or the information

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ratio meaning if I were to tell you I would make ten percent plus or minus one percent that would sort of give you a range -- The standard deviation is -- Assuming normal distribution, two-thirds of the time you would be within the range, one-third of the range -- outside the range.

So if -- If I were to make ten percent plus or minus one percent my returns would look something like 9, 10, 11 average. If I were to make 10 percent plus or minus 15 percent then my returns could be anywhere, you know, 65 percent of the time from minus 5 to 25, so if you were to ask me, In any given year what's the probability you're going to make money, in the first case, 10 percent plus or minus 1, it's almost 100 percent I'll make money. That's a Sharpe ratio of 10. I would have to have ten standard deviations away to lose money. In the other case where there's 10, plus or minus 15, there's going to be let's say probably 40 percent of the time you'll lose money.

so the information ratio, the Sharpe ratio, is a measure of whether the information presented can be due to chance or whether there's actually something real going on that's explained by the results. Whether you can take something in the

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past and reflect forward in the future.

- Q. Does the concept of risk, is that part of a Sharpe ratio?
- A. It's half of it. It's the return or the excess return. You can define "return" either way, right, divided by the risk, and you're going to get different Sharpe ratios for the same process whether you talk about daily, weekly, monthly, annually.

There's a scaling factor. If you give me the monthly I can tell the annual, but the Sharpe ratio needs to be specified which maturity it is because you give me the same data, I'll give you different Sharpe ratios whether you ask me for a one year or et cetera.

Q. Looking at 2.81 Sharpe ratio for this fund, what does that mean, if anything, to you?

MS. REISBAUM: Objection.

MR. BOCCUZZI: Can you ask him back

20 then.

- Q. In your conversation with Mr. Markopolos do you recall ever discussing the Sharpe ratio of any fund or Madoff feeder fund or Madoff returns?
  - A. I remember discussing the risk/reward

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profile, which means that if this table wasn't here, right, and I had the data, right, then it -- and I had the data, it would be something I would do myself. Right?

If I looked at this -- at this in my mind I would be thinking in those terms whether or not I actually saw the table, so it's a context of what I use to look at things, so it's entirely possible I spoke about it. I don't know if it was because I read it or if I did the calculations or I just thought about it looking at the graph.

Q. And to the best of your recollection do you recall thinking about the risk-return profile, with the Sharpe ratio being high or low, something that was unusual to you given the strategy you were looking at? I'm just trying to get your sense of what, if anything, you talked about with Mr. Markopolos about the Sharpe ratio.

MS. REISBAUM: Objection.

A. I don't remember specifically using the term "Sharpe ratio." I did speak before that the return profile was inconsistent with the strategy. What I mean by the return -- Part of what I mean by the return profile has to do with something about the mean or the average which I

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mentioned before and the risk.

So whether I used the word "Sharpe ratio," I definitely was referring to the two most important things I look at in this case or something similar to this which are average and standard deviations, so I don't know if I used the terms.

When I talked about risk profile I was intending something to capture the sense of, you know, how many minus -- how many negative things there are, et cetera.

- Q. In your conversations with Mr. Markopolos about Madoff do you recall discussing the number of down months or years, if any, that Madoff had reported?
- A. I don't know if it was actually discussed or whether I looked at the graph or the chart or the Sharpe ratio to figure out there were very few of them.
- Q. What, if any, conclusions did you draw from that?
- A. I mentioned before that if someone only had fixed income, right, there would be very little risk, but also very little return, and if someone had equities there would be a lot of down months and the high would be somewhere in between,

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1	so my view is that the strategy as described either	
2	has to be, you know, some continuum between fixed	
3	income with low returns and low risk or equity with	
4	potentially high returns and high risks.	
5	Q. In your discussions with	
6	Mr. Markopolos regarding Madoff and BLMIS did you	
7	ever discuss whether Madoff could be front-running?	
8	A. No.	
9	Q. You understand what front-running is?	
10	A. Yes.	
11	Q. That subject never came up?	
12	MS. REISBAUM: Objection.	
13	Q. In your conversations with anyone at	
14	Citi while you worked there did the issue of whether	
15	Madoff was front-running ever come up?	
16	A. No.	
17	Q. In your conversations with	
18	Mr. Markopolos did you discuss the correlation	
19	between the strategies, stated returns, and the S&P	
20	100?	
21	A. I don't remember. If I were to talk	
22	about the return profile I would have compared it to	
23	the S&P, because that's what I use, but they're very	
24	highly correlated to each other, so if you showed me	
25	one versus the other I couldn't tell which is which,	

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116 1 so my guess is I probably in thinking about this 2 compared it to the S&P and in my mind they're --3 they're proxies for each other. For all intents and 4 purposes they're very similar. 5 And what, if any, conclusions do you Q. 6 draw about the returns based on the similarities of 7 the profiles? 8 MS. REISBAUM: Objection. Today or 9 at the time? 10 MR. FARLEY: At the time. I said before that it looked neither 11 Α. 12 like a fixed income result or an equity result or 13 anything in between, so either the returns are not 14 the returns or the strategy is not the strategy or 15 there's something else going on that I'm not aware 16 of, so ... 17 And, again, if you don't remember, Q. 18 you don't remember, but do you recall Mr. Markopolos 19 ever providing you with a copy of a monthly 20 brokerage account or confirmation from Madoff Securities? 21 22 Α. He never provided me any documents. 23 0. Did there come a time when you 24 endeavored to learn whether Citi had any 25 transactions involving Madoff or Madoff feeder fund?

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1	MS. REISBAUM: Objection.	
2	Q. Again, I'm setting aside when you	
3	queried the desk, the index desk	
4	A. And anything that's privileged?	
5	Q. No. Nothing privileged.	
6	A. Then no.	
7	Q. Let me ask you this just to be clear.	
8	Not in preparation for this deposition. While you	
9	worked at Citi did you ever have a conversation with	
LO	anyone including a lawyer about Citi's dealings with	
L1	Madoff or Madoff Securities?	
L 2	A. After the news broke? After the news	
L 3	broke or before?	
L 4	MR. BOCCUZZI: That was when you were	
L 5	not with Citi anymore.	
16	MS. REISBAUM: Can we be clear again	
L 7	that you're not looking for privileged information?	
L 8	MR. FARLEY: The fact of the	
L 9	conversation is not privileged. I'm just asking. I	
20	suspect the answer is no.	
21	A. The timeline is I left in November.	
22	The news broke in December, but I was officially	
23	still employed until February, so you'll have to be	
24	more specific.	
25	Q. Before the news broke did you ever	

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1	have a conversation with anyone at Citi including a	
2	lawyer	
3	A. No.	
4	Q about Madoff or Madoff Securities?	
5	A. No. You asked many times if I had	
6	conversations at Citi, and I told you about the	
7	conversation I had.	
8	MR. BOCCUZZI: Just to be clear for	
9	everyone, I let Mr. Gross answer the question	
10	including a lawyer because in my view an answer	
11	whether yes or no is the equivalent of whether we	
12	logged something on a privilege log where it would	
13	say, Conversation, who was involved, and topic.	
14	MR. FARLEY: Agreed. No waiver.	
15	MR. BOCCUZZI: And that was in the	
16	nature of the answer.	
17	Q. In your transactions involving	
18	options over the years did you ever have an occasion	
19	to use or trade with a European counterparty for an	
20	option?	
21	A. I don't understand the question.	
22	Q. I'm asking	
23	A. You're asking about my personal	
24	trades?	
25	Q. No. In your capacity at Citi did you	

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support the --

- A. I was responsible for salespeople in Australia, Europe, Japan, and Hong Kong, and the US, so the answer is it was -- I was -- I was a research person, so we provided services to customers in every region about every product.
- Q. Maybe you've already answered this, but as a research head if one of your salespeople wanted to know about volumes of OEX Index options traded both on a listed exchange and over-the-counter how would you go about --
- A. The exchange -- Every day the volume and open interest are available on things like Bloomberg, Reuters, et cetera, so if someone asked a particular question on a particular day I would look at the Bloomberg screen. We also download every -- everything from every market and save it in databases, so if somebody says I want to look at the total open interest or volume for IBM or anything else I could write a program or have programs that would pull that time series out, so in terms of listed stuff there's multiple source information, exchange the primary source which the information is reflected again, things like Bloomberg, Reuters, our system, et cetera. The Exchange publishes

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statistics, and the OCC which is the Options
Clearing Corp., not the other OCC, which also has
statistics. I don't know whether the statistics are
by ticker or whether it's by, you know, category,
all the equity options, so if somebody asks about
listed stuff, right, I would look on Bloomberg, look
on our system, the Exchange, et cetera. I would do
one of those things. We have the information, and
the question is, you know, they might want -- You
know, we may have to add it up. There may have to
be some additions, et cetera, but the source is
always the Exchange, and then the only question is
in what format are we pulling it out, in what format
are we presenting it. That's for the listed.

- Q. And for the Exchange --
- A. List the same thing as the Exchange.
- Q. I'm sorry. For over-the-counter?
- A. Over-the-counter, I assume there's some regulator that keeps track of total aggregate outstanding, but it's not by ticker. As I said before, I would ask around essentially and, you know, see how much we did and see how much is quoted and give a sense from people, traders and salespeople, you know, how much do you see, how much do you do, how much of the market are we. There are

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121 1 also some surveys that -- that customers, you know, 2 talk about how much commissions or volumes, so 3 there's some sense we can figure out from the market 4 as well. 5 Are you familiar with an entity named Q. 6 Auriga International? 7 Am I familiar now or before I left Α. Citi? 8 9 Before you left Citi. Q. 10 Α. No. 11 Were you ever asked to have any Q. 12 involvement in a swap transaction between Auriga and 13 a Citi entity? 14 Α. No. 15 Before preparation for this Q. 16 deposition were you aware that a Citi entity had 17 conducted a total rate swap transaction with a Swiss hedge fund named Auriga? 18 19 Α. No. 20 Q. Would it be standard practice or 21 standard operating procedure for your group to be 22 consulted if a Citi entity was structuring or 23 offering a derivative equities product? 24 MS. REISBAUM: Objection. 25 Q. I guess I'm trying to have a better

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1	sense of when does the strategy group get involved	
2	with other parts of the bank who, for example, might	
3	be offering total-return swaps linked or referenced	
4	to a Madoff feeder fund?	
5	MS. REISBAUM: Objection.	
6	Q. Was it not normal for your group to	
7	get involved? You weren't always involved in	
8	derivatives that are being offered by the banks?	
9	I'm just trying to understand this.	
10	A. We weren't involved in any	
11	transactions linked to hedge funds. Our stuff	
12	involved publicly-listed securities.	
13	Q. I probably should have asked you that	
14	before.	
15	A. I wouldn't even know what a	
16	transaction looks like or how it's structured. It's	
17	not something I do. It's like asking something	
18	completely out of someone's field. I have a	
19	familiarity of the world but not that part of the	
20	world.	
21	Q. Just to be clear, your group did not	
22	support hedge fund transactions that the bank might	
23	be engaged in, strategy group?	
24	MS. REISBAUM: Objection.	
25	A. Your question is ambiguous. By	

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1	"hedge fund" do you mean linked to hedge fund or	
2	done by hedge fund?	
3	Q. Done by hedge fund.	
4	A. Most of our customers were hedge	
5	funds, and that's who I spoke to all the time, and	
6	they were trading publicly-listed securities. I	
7	helped hedge funds trade securities. I didn't get	
8	involved with the structuring of derivatives whose	
9	underlying asset was a hedge fund, so there's a lot	
10	of involvement with hedge funds but not that part of	
11	the hedge fund.	
12	Q. And I suspect I know the answer to	
13	this, but before becoming	
14	MR. FARLEY: Strike that.	
15	Q. Before your deposition and getting	
16	prepared for it were you aware that Citibank had	
17	made a loan of approximately \$300 million to a hedge	
18	fund owned by Tremont?	
19	A. No.	
20	Q. Did you ever learn whether Citi as a	
21	bank had a view on Madoff or Madoff exposure?	
22	MS. REISBAUM: Objection.	
23	Q. Prior to you leaving in November of	
24	2008?	
25	A. No.	

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124 1 Q. Are you familiar or do you know Erwin Parviz? 2 3 Α. No. 4 I'm going to ask you a couple names. Q. Marc Fisher? 5 6 Α. The name sounds familiar, but there are a lot of Fishers. 7 8 Sean Flanagan? Q. 9 Again, common name, but no. Α. Vishal Mishra? 10 Q. 11 Α. No. 12 Ramesh Gupta? Q. 13 Α. Yes. How do you know him? 14 Q. 15 My group was programming because we Α. were doing -- I guess we call it strategy, but we 16 17 call it analysis, both to write reports and to provide it for customers, so the databases that we 18 19 used for the information were the same databases 20 that the firm used to keep track of -- I said before we downloaded the entire -- Every day we downloaded 21 22 all the options. Right? Well, that's stored 23 somewhere, and that's called a para drive, which means instead of pulling out you know just one day 24 25 you could pull out the -- let's say the option for

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1	the whole time series, so it's stored in different	
2	ways, so the database that we use was the same	
3	database that that he used. Either he was	
4	responsible for, et cetera, so so so we shared	
5	common databases about that we used to pull	
6	information out to do our analysis. Sort of common	
7	information about IBM options or something like	
8	that.	
9	Q. What did you understand Mr. Gupta's	
10	role at Citi to be?	
11	A. I wasn't very clear about what he	
12	did. I knew he wasn't a trader or sales function.	
13	I knew he was in some support function. I don't	
14	know exactly. Probably had something to do with a	
15	support function that had some technical aspect to	
16	it because of the data.	
17	Q. What about Brian Leach?	
18	A. I don't know Brian Leach.	
19	Q. I take it, Mr. Gross, you have no	
20	personal investment with or through Madoff	
21	Securities?	
22	A. My investments were with were	
23	through Citibank. Citigroup.	
24	MR. FARLEY: Why don't we give me a	
25	couple minutes to gather my thoughts.	

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126 1 (Recess taken. MR. FARLEY: Back on the record at 2 1:51. 3 4 Mr. Gross, given your area of market Q. 5 research, why is it that you did not record or otherwise memorialize your conversations with 6 7 Mr. Markopolos regarding Madoff? 8 MS. REISBAUM: Objection. 9 I had thousands of conversations Α. 10 working at Citi, most of which I didn't take notes 11 on. 12 I guess what I'm trying to understand Q. 13 is those thousands of conversations probably weren't of the nature of someone suspects someone's a fraud. 14 15 I'm trying to understand in terms of a 16 market-research perspective whether you, in fact, 17 memorialized or otherwise reported this market bit of information and, if not, why not? 18 MS. REISBAUM: Objection. 19 20 Α. Well, what actually was there is 21 there was no information to record. Right? 22 wasn't a volume, and there wasn't anything going on, 23 so, you know, research actually is about something. 24 I asked the question, and the answer I got is there 25 was no activity.

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1	Q. Which didn't square with what was	
2	being reported as you read it. Correct?	
3	MS. REISBAUM: Objection.	
4	A. It wasn't my normal course of	
5	business of my responsibilities to investigate	
6	other participants in the market.	
7	Q. During your discussions with	
8	Mr. Markopolos did he or you ever discuss reporting	
9	Madoff to the SEC or any other regulatory agency?	
10	MR. BOCCUZZI: Just to make an	
11	objection, you say "discussions" in the plural. I	
12	think he discussed one, but I just want to So	
13	there's no confusion.	
14	Go ahead now and answer the question.	
15	Q. To the best of your recollection.	
16	A. There was no discussion like, We're	
17	going to do this, We should do this, et cetera. Did	
18	I say something about, you know, maybe someone	
19	should be closed down or something? I may have said	
20	something like that without saying who.	
21	Q. A couple of times today you've	
22	answered the question with an appropriate modifier	
23	of "while I was at Citi." I just want to ask this	
24	question to make sure the record is clear. Did you	
25	do any further investigation or any investigation,	

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128 analysis, or work regarding Madoff or Madoff 1 2 Securities on your own time while you were not 3 sitting in your Citi office? 4 MS. REISBAUM: Objection. Do you 5 mean during the time period in which he was employed 6 by Citi? 7 MR. FARLEY: Absolutely. 8 MS. REISBAUM: Did he go home and do 9 something --10 MR. FARLEY: That's exactly what I'm 11 asking. 12 Are you asking the two months after I Α. left Citi after the news broke or while I was there? 13 14 Q. While you were there. 15 Α. No. 16 I'm asking because you said you're a Q. 17 puzzle solver. I'm curious to know if this peaked 18 your interest other than that day you had the 19 conversation and said, This doesn't seem right, did 20 further work or not. That's all I'm trying to 21 figure out. No? 22 Α. 23 0. While you were at Citi did you become 24 aware of any other business that Citi was doing 25 involving Madoff or exposure to Madoff's investment

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1	advisory business?	
2	A. No.	
3	Q. To your knowledge were there any	
4	internal Citi policies with respect to transactions	
5	involving Madoff or Madoff exposure?	
6	A. Specifically referring to Madoff?	
7	Q. Yes.	
8	A. No. I'm sure there's all kinds of	
9	policies referring to all types of transactions.	
10	Q. I'm asking if you are aware of any	
11	black-listing or internal prohibitions on	
12	transactions involving Madoff or exposure to Madoff.	
13	A. No.	
14	Q. While you were at Citi did you keep a	
15	calendar or a diary in terms of appointments and the	
16	like?	
17	A. If there was it would be in the	
18	part of Outlook.	
19	Q. Some people use it. Some don't. I	
20	don't.	
21	A. I didn't use it religiously. Some	
22	things would be on there. Some things wouldn't.	
23	Q. And if I understand correctly from	
24	earlier this morning none of your calendars or	
25	anything you took with you when you left Citi. Is	

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that correct?

- A. No. They're all electronic.
- Q. Do you still have a copy of your severance agreement?
  - A. You mean with me or somewhere?
- Q. Not with you here today, but do you maintain a copy?
  - A. Yes
- Q. When you and Mr. Markopolos met and looked at the returns and the strategy, after you did your one hour or so thinking about it and asking questions what, if any, conclusions did you draw and share with Mr. Markopolos about what you had read?

  MS. REISBAUM: Objection.
- A. The conclusion was that there was a discrepancy and that there were other things that really didn't make sense to me, so that was the -- the result of the -- of the mathematical analysis, and then the next step was to say, you know, There's something wrong going -- There's something wrong here, you know, that somebody who's a broker/dealer shouldn't have information on their -- you know, on the web site. That doesn't make sense. It indicates something's wrong without knowing exactly what it is.

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1	Q. Did you get the sense that	
2	Mr. Markopolos was coming to you for a	
3	second-opinion type of thing or did Mr. Markopolos	
4	have conclusions he had already reached that he had	
5	drawn shared with you? I'm trying to understand	
6	the process.	
7	MS. REISBAUM: Objection.	
8	Q. To the best of your	
9	A. I don't remember whether, you know,	
10	he said to me, I'm suspicious, Would you look at	
11	this, or, Hey, what do you think and afterwards	
12	agree with me.	
13	Q. What, if anything, did you understand	
14	Mr. Markopolos was going to do after you shared your	
15	thoughts with him?	
16	A. I had no idea what he would do. He	
17	didn't say, I'm going to do this, I'm not going to	
18	do this. He didn't give any indication what the	
19	bigger picture was or what his involvement was or	
20	what the result was.	
21	Q. And when you met Mr. Markopolos after	
22	he became a fraud examiner the issue of Madoff and	
23	whether that was a fraud never came up?	
24	MS. REISBAUM: Objection.	
25	Q. In that conversation?	

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- A. The conversation wasn't about that. I don't remember him speaking about that.
  - O. You do not.
- A. I don't remember that. I remember a lot of other things about the conversation, as I said before.
- Q. What type of things did you discuss with him other than his new job?

MS. REISBAUM: Objection.

- A. Most of the things had to do -- was about I never heard of a fraud investigator before; What do you do, How does it work. It was about things like that. That was all new information to me because most of my conversations are, you know, I'm interested in these products, or, I want to hire someone who had some back -- testing strategy. Those are the types of things I'm used to having with a customer. When somebody comes to me with a completely different thing, that's weird. That's something -- a conversation I'll remember. It's different than the other hundred conversations I had that year because I never spoke to someone who was doing that kind of job.
- Q. You mentioned the concept of back-testing. Can you explain what that is?

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Α. A back test is -- is if someone says, I'm going to create a strategy, you know, I always do this, or when these three things happen or this happens I do this. Right? So any type of a situation where you define a formal set of rules, right, that if the proposal is, I'm considering doing this going forward, right, and the answer is, That's great, How was it done historically, and the back test is a question of creating a -- a return series or a bunch of them for different strategies and for each one saying, Okay, What's the average return, What's the standard deviation, What's the best case, What's the worst case, In which cases does it do poorly, What cases does it do well. So it's a way to -- When someone is thinking about doing something new, say it sounds like a good idea, but how would it have done in the past. Q. Did you and Mr. Markopolos ever discuss back-testing or attempting to replicate the strategy that Mr. Madoff reported to use? MS. REISBAUM: Objection. Α. Did he ask me to do that? No. When I was playing around with the numbers did I do anything that was a formal back test? No. Did I do

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something that may have -- I didn't do a formal back test of the strategy.

- Q. Again, to the best of your recollection when you say "playing around with the numbers" what are you talking about doing?

  MS. REISBAUM: Objection.
  - Q. You can answer.
- A. Well, seeing what the average return of the S&P was, seeing what the standard deviation was, seeing if you, you know, had different amounts of all cash or collars, how wide it would be, what the returns would look like, et cetera, seeing on average, you know, what the volatility difference was between the puts and the calls, and would you make or lose money doing that, so -- So I guess that would be -- so we were kind of looking at it, but a back test would -- would mean, you know, getting every single month a certain number and then comparing it to something else.
- Q. And that wasn't discussed with Mr. Markopolos, the official or more formal back-testing.
- A. I may have looked at, you know, the

  -- I may have pulled some data out to look at the

  average returns and standard deviations in the S&P.

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135 1 I may have looked at what the option profile looked 2 like, but I'm not sure -- In a half-hour I wouldn't 3 have time to put every single option in there. I 4 could have said whether the options are cheap or 5 rich, so I may have done a sketch of something but 6 not a back test. 7 MR. FARLEY: I thank you for coming 8 in. 9 MR. BOCCUZZI: We just discussed at 10 the beginning, Leon and Emily signed the confidentiality protective order and Cleary signed 11 it previously. My understanding is that the 12 13 deposition is confidential and if it's required to formally designate it I would also designate it as 14 15 confidential as well. 16 MR. FARLEY: And also for the record, 17 we can speak with his counsel, but I may request a 18 copy of the severance agreement and confirm with you 19 that there are no documents. It was a little 20 confusing at the beginning in terms of whether a 21 search has been undertaken or not, but we can deal 22 with that. (Deposition concluded at 2:05 p.m.) 23 24 25

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1	JURAT	
2	I, LEON J. GROSS, do hereby certify that I	
3	have read the foregoing transcript of my testimony	
4	taken on October 22, 2010, and have signed it	
5	subject to the following changes:	
6		
7	PAGE LINE CORRECTION	
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19	LEON J. GROSS	
20		
21	Sworn and subscribed to before me on this day of	
22		
23		
24	NOTARY PUBLIC:	
25		

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#### CERTIFICATE

2

1

3 I, PATRICIA MULLIGAN CARRUTHERS, a Certified Court Reporter and Notary Public of the 4 States of New Jersey and New York, do hereby certify that prior to the commencement of the examination the witness was sworn by me to testify the truth,

the whole truth and nothing but the truth.

8 9

10

11

12

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6

7

I DO FURTHER CERTIFY that the foregoing is a true and accurate transcript of the testimony as taken stenographically by and before me at the time, place, and on the date hereinbefore set

13

14

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18

19

forth.

I DO FURTHER CERTIFY that I am neither a relative nor employee nor attorney nor counsel of any party in this action and that I am neither a relative nor employee of such attorney or counsel, and that I am not financially interested in the event nor outcome of this action.

20

21

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23

24

25

Notary Public of the State of New Jersey Notary Public of the State of New York Certificate No. XI00780

Patrina M Carrichers

My commission expires October 23, 2015 (N.J.) My commission expires December 21, 2010(N.Y.)

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# LEON J. GROSS 10/22/10

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